

CHITTOOR - 517 127 (Autonomous) **DEPARTMENT OF MANAGEMENT STUDIES**

II MBA III SEM 22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

II MBA III SEM 22MBA238 : INTRODUCTION TO PYTHON

L&B MANUAL

II MBA / I - SEMESTER

REGULATION: R22



ΒY

FACULTY INCHARGE : DR.K.SUDARSAN, PROFESSOR

DEPARTMENT : MASTER OF BUSINESS ADMINISTRATION



INSTITUTE VISION AND MISSION

VISION:

To emerge as a Center of Excellence for Learning and Research in the domains of engineering, computing and management.

MISSION:

- IM1: Provide congenial academic ambience with state-of-art resources for learning and research.
- IM2: Ignite the students to acquire self-reliance in the latest technologies.
- IM3: Unleash and encourage the innate potential and creativity of students.
- IM4: Inculcate confidence to face and experience new challenges.
- IM5: Foster enterprising spirit among students.
- IM6: Work collaboratively with Technical Institutes / Universities / Industries of National, International repute.

DEPARTMENT OF MANAGEMENT STUDIES VISION AND MISSION

VISION

Become Center of Excellence for Educating Management Students as Leaders of Tomorrow.

MISSION

- Provide congenial academic ambience with necessary infrastructure and learning resources.
- Inculcate confidence to face and experience new challenges from industry and society.
- Ignite the students to acquire self-reliance in State-of-the-Art Technologies.
- Foster Enterprising spirit among students.



CHITTOOR - 517 127 (Autonomous) DEPARTMENT OF MANAGEMENT STUDIES II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

Program Educational Objectives (PEOs)

- PEO1: Have in-depth knowledge through life-long learning to conceptualize, critically analyze and add value in the areas of business management.
- PEO2: Have lateral thinking enabling simple solutions for complex managerial problems.
- PEO3: Ignite the passion for entrepreneurship.
- PEO4: Inculcate a spirit of ethical and social commitment in the personal and professional life and to add value to the society.

Program Outcomes (POs)

POs	Statements						
PO1	Apply knowledge of management theories and practices to solve business problems						
PO2	Foster analytical and critical thinking abilities for data-based decision making						
PO3	Ability to develop value based leadership ability						
PO4	Ability to understand, analyze and communicate global, economic, legal and ethica						
	aspects of business						
PO5	Ability to lead themselves and others in the achievement of organizational goals,						
	contributing effectively to a team environment						
PO6	Demonstrate competencies in theoretical concepts and practices in the field of human						
	resource management						
PO7	Apply the ever evolving marketing techniques to encounter the challenges and						
	leverage opportunities						
PO8	Apply financial knowledge and skills to take business decisions in professional						
	business Environment						

Program Specific Outcomes (PSOs)

PSOs	Statements
PSO1	Apply core and functionary management skills for professional growth and business
	evaluation
PSO2	Adapt to dynamic changes in an environment relevant to professional managerial
	practice and entrepreneurship as emerging leaders



CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

II MBA	– Semester -	III					
Cour	se Code	INTRODUCTION TO PYTHON		L	T	Р	С
22N	IBA238			0	0	2	1
Cours	Course Educational Objectives (CEO):						
	CEO1: Enhan	ce the knowledge on basic principles of python					
	CEO2: Enhan	ce the knowledge on functions and strings in python					
	CEO3: Acqui	re the knowledge on data structures in python					
	CEO4: Enable	e students to write simple object oriented programming in	n pythor	n			
	CEO5: Under	stand the exception handling and modules					
UNIT	- I	Introduction to Python		l	Lect	ure I	Hrs: 6
Introd loopin	Introduction to Python, Python Features, Operators, Variables, Control Statements (conditional, looping, transfer)						
UNIT	- II	Functions and Strings		L	lect	ure H	Irs 6
Funct	ions: Function	Definition, Function call, Types of Arguments, Lambda	Functio	on.			
String	s: String Hand	lling Functions					
UNIT	- III	Data Structures		L	lect	ure H	Irs:6
Lists,	Tuples, Sets a	nd Dictionaries					
UNIT	' - IV	Object Oriented Programming		L	lect	ure H	Irs:9
Objec	t, Define Class	s, Constructor, Methods in Python, Inheritance, Abstracti	ion, Pol	ymorp	ohis	m.	
UNIT	' - V	Exception Handling and Modules		L	lect	ure H	Irs:9
Excep	otion, Syntax e	rrors, Runtime Errors, Module - Math Module, Creating	Module	es			
Course	e Outcomes:						
On suc	In successful completion of the course the student will be able to, COs						ed to
CO1	Understand	ing the knowledge on basic principles of python.		PO2,	PS	01	
CO2	Apply the fu	inctions and strings in python.		PO2,	PS	01	
CO3	3 Analyze the data structures in python. PO2, PSO1						
CO4	O4 Apply simple object oriented programming in python. PO2, PSO1						
CO5	Analyze the data handling and modules.PO2, PSO1						



CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

Text Books:

- 1. Python for Programrs, Paul Deitel and Harvey Deitel, Pearson Education, 1st Edition, 2021.
- 2. Python Programming: An Introduction to Computer Science, 3/e, John M Zelle, Franklin Beedle, Independent Publishers, 2020.

Reference Book:

- 1. Computational Thinking: A Primer for Programs and Data Scientists, 1/e, G Venkatesh and Madhavan Mukund, Notion Press, 2021.
- 2. Introduction to Computation and Programming Using Python: With Applications to Computational Modeling and Understanding Data, 3/e, John V Guttag, & Quot, MIT Press 2021.

Online Learning Resources:

https://www.programiz.com/python-programming https://www.youtube.com/watch?v=adNgan70iyU https://www.youtube.com/watch?v=c235EsGFcZs

COURSE OUTCOMES VS POs MAPPING (DETAILED; HIGH:3; MEDIUM:2; LOW:1):

Course	PO CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO1	PSO2
ΓΟ	C2308.1	-	3	-	-	-	-	-	-	3	-
NO	C2308.2	-	3	-	-	-	-	-	-	3	-
8 : NON	C2308.3	-	3	-	-	-	-	-	-	3	-
230 UC TH	C2308.4	-	3	-	-	-	-	-	-	3	-
C PY	C2308.5	I	3	I	I	-	-	-	Ι	3	I
INTR	C2308	-	3	-	-	-	-	-	-	3	-



CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

LIST OF EXPERIMENTS

S. No.	Experiment Name
1	Check the given number is prime or not in python program.
2	Create a program containing a pair of nested while loops that displays the integer values 1–100, ten numbers per row, with the columns aligned as shown below : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
3	Check biggest among 3 numbers in python program.
4	Create a Python program to perform the string operations by using string functions.
5	Create a python program to print the reverse of a given string.
6	Create the lists and perform the different operations by using list functions.
7	Create a python program by using functions to prints the sum the lists.
8	Create the tuple and set to perform different operations on tuple and sets by using tuple and set functions.
9	Create the dictionary to perform add, changing, updating the dictionary and to perform different operations
10	Create a python program to prints the area of rectangle and area of triangle by using inheritance.
11	Create a python program by using abstraction concept.
12	Perform method overriding in python program.
13	Create a python program by using exception handing concepts.
14	Create a custom module in python program.
15	Perform the calculations by using math module in python program.

SI

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

Table No. 1: Rubrics for Python Lab

СО	Excellent (3)	Good (2)	Fair (1)
Assemble (CO1)	Student successfully completes the activity, gathers appropriate data about the topic and gives effective oral presentations.	Student successfully completes the activity, gathers data about the topic and gives effective oral presentations.	Student successfully completes the activity, gathers data about the topic and gives oral presentations moderately.
Exhibit (CO2)	Learns and exhibits effective teambuilding skills through participation in group activities	Learns and exhibits reasonable teambuilding skills through participation in group activities	Learns and exhibits poor teambuilding skills through participation in group activities
Apply (CO3)	Student gains excellent knowledge in winning job interviews	Student gains moderate knowledge in winning job interviews	Student gains little knowledge in winning job interviews
Develop (CO4)	Student gains excellent knowledge in learning new concepts	Student gains moderate knowledge in learning new concepts	Student gains poor knowledge in learning new concepts
Derive (CO5)	Student develops outstanding professional and career competence skills	Student develops reasonable professional and career competence skills	Student develops deprived professional and career competence skills



CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

DAY-TO-DAY EVALUATION OF LAB ACTIVITY:

REG. No.:

S. No.	ACTIVITY	ASSEMBLE	EXHIBIT	APPLY	DEVELOP	DERIVE
	Establishing a					
1	Framework for					
1	Business					
	Communication					
	Focusing on					
2	Interpersonal and					
	Group Communication					
	Planning and Preparing					
3	Spoken and Written					
	Messages					
4	Communicating					
4	Electronically					
	Delivering Good News					
5	and Bad News					
	Messages					
	Understanding the					
6	Report Process and					
	Research Methods					
	Organizing and					
7	Preparing Reports and					
	Proposals					
	Designing and					
8	Delivering Business					
	Presentations					
0	Preparing Resumes and					
,	Application Messages					
10	Interviewing for a Job					
11	Work Place Etiquette					
	Average					



CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

LIST OF EXPERIMENTS

S. No.	Experiment Name
1	Check the given number is prime or not in python program.
2	Create a program containing a pair of nested while loops that displays the integer values 1–100, ten numbers per row, with the columns aligned as shown below : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
3	Check biggest among 3 numbers in python program.
4	Create a Python program to perform the string operations by using string functions.
5	Create a python program to print the reverse of a given string.
6	Create the lists and perform the different operations by using list functions.
7	Create a python program by using functions to prints the sum the lists.
8	Create the tuple and set to perform different operations on tuple and sets by using tuple and set functions.
9	Create the dictionary to perform add, changing, updating the dictionary and to perform different operations
10	Create a python program to prints the area of rectangle and area of triangle by using inheritance.
11	Create a python program by using abstraction concept.
12	Perform method overriding in python program.
13	Create a python program by using exception handing concepts.
14	Create a custom module in python program.
15	Perform the calculations by using math module in python program.



CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

1. Check the given number is prime or not in python program.

≽ prime.py - D:/py lab/prime.py (3.10.2) — 🗆 🗙
File Edit Format Run Options Window Help
n=int(input("enter a number"))
for i in range(2,n):
if n%2==0:
print("not a prime number")
break
else:
print("it is a prime number")
→ IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022
, 14:12:15) [MSC v.1929 64 bit (AMD64)] on wi
n32
Type "help", "copyright", "credits" or "license()" f
or more information.
>>>
====== RESTART:
D:/py lab/prime.py ====================================
====
enter a number5
it is a prime number
>>>

2. Create a program containing a pair of nested while loops that displays the integer values 1-100, ten numbers per row, with the columns aligned as shown below :

CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

🕞 r	umber	1-100.py	- C:/U	sers/Ganga	dhar/Desk	top/cds/number 1-100.py (3.10.2)	-	×
File	Edit	Format	Run	Options	Window	Help		
i=	1							1
j=	11							
w]	hil	e(i<	=1	00):				
	pr	int(i	i,e	nd='	' ")			
	i=	i+1						
	wl	nile((i=	=j):				
		prii	ıt(')				
		jj=j-	+10)				

DLE Shell 3.10.2	- 🗆 X
File Edit Shell Debug Options Window Help	
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan	17 2022
, 14:12:15) [MSC v.1929 64 bit (AMD64)] on wi
n32	
Type "help", "copyright", "credits" or "lic	ense()" f
or more information.	, in the second s
>>>	
======================================	angadha
r/Desktop/cds/number 1-100.py ======	=====
1 2 3 4 5 6 7 8 9 10	
11 12 13 14 15 16 17 18 19 20	
21 22 23 24 25 26 27 28 29 30	
31 32 33 34 35 36 37 38 39 40	
41 42 43 44 45 46 47 48 49 50	
51 52 53 54 55 56 57 58 59 60	
61 62 63 64 65 66 67 68 69 70	
71 72 73 74 75 76 77 78 79 80	
81 82 83 84 85 86 87 88 89 90	
91 92 93 94 95 96 97 98 99 100	
>>>	
	v 1 m 15 - Colo 0

3. Check biggest among 3 numbers in python program.





CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

File Last Seef Delay Orders Wedge Heig
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022 -, 14:12:15) [MSC v.1929 64 bit (AMD64)] on wi n32 Type "help", "copyright", "credits" or "license()" f or more information.
>>>
ESTART:
D:/py lab/biggest.py
enter a number20 enter b number90 enter c number5 b is big
>>>

4. Create a Python program to perform the string operations by using string functions.





CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

A Stringsoperations.py - D:/py lab/Stringsoperations.py (3.10.2)	- 0 X
File Edit Format Run Options Window Help	
print(name.startswith("wel"))	
#endswith	
name="welcome to python"	
print(name.endswith("wel"))	
#is numeric	
pin="1234"	
print(pin.isnumeric())	

#is aplha name="abcs" print(name.isalpha())

A IDLE Shell 3.10.2	×
ile Edit Shell Debug Options Window Help	
>>>	
	====== RESTART: D:/py la
b/Stringsoperation	s.py ========
=	
python	
<class 'str'=""></class>	
v	
n	
vt	
Falco	
	mostly and
good mornini love	python
g	
0	
0	
d	
m	
0	
r	

rile coli sheli bebug Options willoow neip

CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM 22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

	==== RESTART: D./my la
b/Stringsoperations.pv	======================================
=	
python	
<class 'str'=""></class>	
у	
n	
yt	
False	
good mornini love pyt	hon
g	
0	
0	
d	
m	
0	
r	
	Ln: 32
Shell Debug Options Window Help	
0	
d	
m	
0	
r	
n :	
1	
n	
g	
J LIELLO	
HELLU halla	
nello	
True	
False	
True	
True	
1	

5. Create a python program to print the reverse of a given string.



6. Create the lists and perform the different operations by using list functions.





CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

😡 list.py - D:\py lab\list.py (3.10.2)	-		×
File Edit Format Run Options Window Help			_
print(list[1])			
<i>μ</i>			
#slicing			
print(list[2:5])			
#pop() function			
list pop()			
print(list)			
P()			
<pre>#remove() function</pre>			
list.remove(20)			
print(list)			
DLE Shell 3.10.2 File Edit Shell Debug Options Window Help	- 0	×	
4			
$\{40, 10, 80, 50, 20, 90, 60, 30\}$			
{10, 20}			
{40, 50, 30}			
>>>			
====== RESTART: D:\py lab\list.py ===			
			l
[10, 20]			l
$\begin{bmatrix} 10, 20, 50, 40, 50, 60 \end{bmatrix}$			l
[00, 50, 40, 50, 20, 10]			l
1			l
[10, 20, 30, 40, 50, 60]			l
20			
[30, 40, 50]			
			1
[10, 20, 30, 40, 50]			
[10, 20, 30, 40, 50] $[10, 30, 40, 50]$			

CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

```
IDLE Shell 3.10.2
                                        - 🗆 ×
File Edit Shell Debug Options Window Help
     4
     \{40, 10, 80, 50, 20, 90, 60, 30\}
     \{10, 20\}
     \{40, 50, 30\}
>>>
     ===== RESTART: D:\py lab\list.py ======
     []
     [10]
     [10, 20]
     [10, 20, 30, 40, 50, 60]
     [60, 50, 40, 30, 20, 10]
     6
     1
     [10, 20, 30, 40, 50, 60]
     20
     [30, 40, 50]
     [10, 20, 30, 40, 50]
     [10, 30, 40, 50]
>>>
```

7. Create a python program by using functions to print the sum of elements in the lists.





8. Create the tuple and set to perform different operations on tuple and sets by using tuple and set functions.



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES CHITTOOR - 517 127

S

(Autonomous) DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

creenshot (290).png	3	ି	혭	
🚴 sets.py - G:/code/sets.py (3.9.10)		-		\times
file Edit format Run Options Window Help fcreate a empty set s=set() print(type(s))				
#add a element into the set				
s.add(10) print(s)				
<pre>#add a group of elements into the set s.update([20,30,40,50]) print(s)</pre>				
#copy()				
s1=s.copy() print(s1)				
<pre>#pop() print(sl.pop())</pre>				
<pre>#remove() print(s1.remove(30)) print(s1)</pre>				
#union()				
<pre>print(s) print(s1) print(s1.union(s))</pre>				
<pre>#intersection() print(s1.intersection())</pre>				
<pre>#difference()</pre>				
<pre>print(sl.difference(s))</pre>			In: 37 (ol: i
C Q Search	1			9
Type here to search 🗮 💼 📄		e	(>

		1		۵				⊿	11		Ð	62%			
	6	DLE S	hell 3.9	.10									-		\times
	File	Edit	She	I Deb	ug Opt	ions Window H	lelp								
	Pyt	ho	n 3	.9.1	0 (t	ags/v3.9.	10:f2f3f	53,	Jan :	17 20)22,	15:14	:21)	[MSC	v
L	.19	929	64	bit	(AM	D64)] on	win32								
L	TY	pe	"he	lp",	"coj	pyright",	"credit	:s" (or "1:	icens	se()"	for	more	info	rm
L	ati	ion	•												
L	>>>	>													
L	===						== RESTA	ART:	G:/co	ode/s	sets.	ру ==			
L	===				==										
L	<c.< td=""><td>Las</td><td>S</td><td>set'</td><td>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></c.<>	Las	S	set'	>										
L	{10)}													
L	44	· ·	10,	50,	20,	30}									
L	150	γ,	20,	40,	10,	30}									
L	50														
L	1001	Je J	40	101											
L	120	<u>''</u>	40,	10}	20	201									
L	120	<u>''</u>	40,	101	20,	301									
L	120	<u>''</u>	10	50	20	301									
L	140	<u>.</u>	10	201	20,	501									
L	set	0	10,	20)											
L	222	- ()													
1															
L															

9. Create the dictionary to perform add, changing, updating the dictionary and to perform different operations.





CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

reenshot (316).png 6 N 🗹 dictionary.py - D:/py lab/dictionary.py (3.10.2)
 File Edit Format Run Options Window Help #copy from one dictionary to another dictionary d1=d.copy() print(d1) #access the keys print(d1.keys()) #access the values print(d1.values()) #popitem() in the dict print(d1.popitem()) #pop() print(d1.pop(1)) A IDLE Shell 3.10.2 υ File Edit Shell Debug Options Window Help mon {1: 'sun', 2: 'tue', 3: 'wed', 4: 'thur'} {1: 'sun', 2: 'tue', 3: 'wed', 4: 'thur'} $dict_keys([1, 2, 3, 4])$ dict_values(['sun', 'tue', 'wed', 'thur']) (4, 'thur') sun >>> === RESTART: D:/py lab/dictionary.py === {} {1: 'mon', 2: 'tue', 3: 'wed', 4: 'thur'} mon {1: 'sun', 2: 'tue', 3: 'wed', 4: 'thur'} {1: 'sun', 2: 'tue', 3: 'wed', 4: 'thur'} dict_keys([1, 2, 3, 4]) dict_values(['sun', 'tue', 'wed', 'thur']) (4, 'thur') sun >>> In: 134



CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM 22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL



10. Create a python program to prints the area of rectangle and area of triangle by using inheritance.





CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

🔒 IDLE SP	rell 3.10.2 — 🗆 🗙	
File Edit	Shell Debug Options Window Help	
	Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022	4
	, 14.12.13) [IVISC V.1929 04 011 (AIVID04)] 011 WI	
	n32	
	Type "help", "copyright", "credits" or "license()" f	
	or more information.	
>>>		
	====== RESTART	
	: D:/py lab/ee.py ====================================	
	====	
	1200	
	60000	
>>>		

11. Create a python program by using abstraction concept.

```
abs.py - D:/py lab/abs.py (3.10.2)
File Edit Format Run Options Window Help
from abc import ABC
class Polygon(ABC):
  def sides(self):
      pass
class Triangle(Polygon):
   def sides(self):
     print("triangle hs 3 sides")
class Square(Polygon):
  def sides(self):
     print("square has 4 sides")
obj=Triangle()
obj.sides()
      ല
IDLE Shell 3,10.2
File Edit Shell Debug Options Window Help
     Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022
     , 14:12:15) [MSC v.1929 64 bit (AMD64)] on wi
     n32
     Type "help", "copyright", "credits" or "license()" f
     or more information.
>>>
                                      ===== RESTART
     : D:/py lab/abs.py =
     triangle hs 3 sides
```



CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM

22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

12. Perform method overriding in python program.



13. Create a python program by using exception handing concepts.





22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

14. Create a custom module in python program.

Step - 1



Step – 2









CHITTOOR - 517 127 (Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM 22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

Step – 4



Step – 5



Step-6



Step – 7





CHITTOOR - 517 127

(Autonomous)

DEPARTMENT OF MANAGEMENT STUDIES

II MBA III SEM 22MBA238 : INTRODUCTION TO PYTHON LAB MANUAL

	^
File Edit Shell Debug Options Window Help	
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 20 , 14:12:15) [MSC v.1929 64 bit (AMD64)] on)22 wi
n32	
Type "help", "copyright", "credits" or "license()" f
or more information.	
>>>	
====== RESTAR	.T:
D:/py lab/main.py ====================================	
5	
5	
50	
>>>	
	n: 8 Col: 0

15. Perform the calculations by using math module in python program.

