

<pre>ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7) File Edit Format Run Options Window Help #while i=0 while i<=10: print(i) i+=1</pre> <p>Ln: 6 Col: 0</p>	<pre>IDLE Shell 3.10.7 File Edit Shell Debug Options Window Help Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bi t (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== 0 1 2 3 4 5 6 7 8 9 10 >>></pre> <p>Ln: 16 Col: 0</p>
<pre>ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7) File Edit Format Run Options Window Help #if else n= int(input("enter a num:")) if n%2==0: print("even") else: print("odd")</pre> <p>Ln: 7 Col: 0</p>	<pre>IDLE Shell 3.10.7 File Edit Shell Debug Options Window Help Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bi t (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== enter a num:2 even >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== enter a num:3 odd >>></pre> <p>Ln: 11 Col: 0</p>

<pre>ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7) File Edit Format Run Options Window Help a=10 b=20 print(a/b) print(a-b) print(a/b) print(a*b)</pre>	<pre>IDLE Shell 3.10.7 File Edit Shell Debug Options Window Help Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bi t (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== 0.5 -10 0.5 200 >>> </pre>
<pre>ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7) File Edit Format Run Options Window Help #collections lst = [10,20,30,40,50] print(lst) print(type(lst)) #tuple l=(10,20,30,40,50) print(l) print(type(l)) #set s={100,200,300,400,500} print(s) print(type(s))</pre>	<pre>IDLE Shell 3.10.7 File Edit Shell Debug Options Window Help Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bi t (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== [10, 20, 30, 40, 50] <class 'list'> (10, 20, 30, 40, 50) <class 'tuple'> {400, 100, 500, 200, 300} <class 'set'> >>> </pre>

<pre>ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7) File Edit Format Run Options Window Help #finding data type of a variable a=20.5 print(a) print(type(a))</pre> <p>Ln: 5 Col: 0</p>	<pre>IDLE Shell 3.10.7 File Edit Shell Debug Options Window Help Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bi t (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== 20.5 <class 'float'> >>></pre> <p>Ln: 7 Col: 0</p>
<pre>ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7) File Edit Format Run Options Window Help a=2+7j print(a) print(type(a)) b=True print(b) print(type(b))</pre> <p>Ln: 8 Col: 0</p>	<pre>IDLE Shell 3.10.7 File Edit Shell Debug Options Window Help Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bi t (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. >>> ===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py ===== (2+7j) <class 'complex'> True <class 'bool'> >>></pre> <p>Ln: 9 Col: 0</p>

ibm.py - C:/Users/Ranjith/Documents/python files/ibm.py (3.10.7)

File Edit Format Run Options Window Help

#multiple variable
a,b,c =10,3,20
print(a)
print(b)
print(c)

del(b)
print(b)

Ln: 9 Col: 0

IDLE Shell 3.10.7

File Edit Shell Debug Options Window Help

Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Ranjith/Documents/python files/ibm.py =====
>>>
10
3
20
Traceback (most recent call last):
 File "C:/Users/Ranjith/Documents/python files/ibm.py", line 8, in <module>
 print(b)
NameError: name 'b' is not defined
>>>

Ln: 12 Col: 0