

A-13.py X

A-14.py

A-8.py

A-10.py

A-9.py

A-11.py

{ } launch.json

A-16.py

A-16.py > ...

```
1  # 1. Write a python script to store multiple items in a single variable ( Items are "Java" ,"Python", "SQL", "C" )
2  a = "Java","python","SQL","C"
3  print(a,type(a))
4
5  # 2. Write a python program to store only one item using tuple.
6  a = "tuple",
7  print(a,type(a))
8
9  # 3. Write a python program to reverse the tuple.
10 a = "Java","python","SQL","C"
11 b = tuple(reversed(a))
12 print(b,type(a))
13
14 # 4. Write a python program to Swap two tuples in Python.
15 a = "niket","rahul","saurav","golu"
16 b = "mumbai","delhi","surat","ayodhya"
17 a,b = b,a
18 print(a)
19 print(b)
20
21 # 5. Write a python program to check if all items in the tuple are the same.
22 mytuple = ("niket","niket","singh")
23 x = all(mytuple)
24 print(x)
25
26 # 6. Write a python program to divide the tuple into four variables. tuple1=(100, 200, 300, 400)
27 a = tuple1=(100, 200, 300, 400)
28 for i in a :
29     d=int(i/4)
30
31     print(int(d))
32     print(type(d))
33
```

A-13.py

A-14.py

A-8.py

A-10.py

A-9.py

A-11.py

{ } launch.json

A

A-16.py > ...

```
23 x = all(mytuple)
24 print(x)
25
26 # 6. Write a python program to divide the tuple into four variables. tuple1=(100, 200, 300, 400)
27 a = tuple1=(100, 200, 300, 400)
28 for i in a :
29     d=int(i/4)
30
31     print(int(d))
32     print(type(d))
33
34 # 7. Write a python program to copy elements 4 and 5 from the following tuple into a new tuple. tuple1=(1,2,3,4,5,6)
35 tuple1=(1,2,3,4,5,6)
36 tuple2=[]
37 tuple2.append(tuple1[-3])
38 tuple2.append(tuple1[-2])
39 tuple3 = tuple(tuple2)
40 print(tuple3)
41
42 # 8. Write a python program to Sort a tuple of tuples by the second item. tuple1 = (('a', 21),('b', 37),('c', 11),
43 tuple1 = (('a', 21),('b', 37),('c', 11), ('d',29))
44 a = sorted(tuple1,key=lambda b : b[0])
45 print(a)
46
47 # 9. Write a python program to print the value 20 from given nested tuple tuple1 = ("Python", [10, 20, 30], (2, 4,
48 tuple1 = ("Python", [10, 20, 30], (2, 4, 16))
49 print(tuple1[1][1])
50
51 # 10. Write a python program to change the first item (22) of a list within the following tuple to 222.tuple1 = (11,
52 tuple1 = (11, [22, 33], 44, 55)
53 tuple1[1][0] = 222
54 print(tuple1)
```