

EXPLORED

...

OPEN EDITORS

lab2.py

Welcome

W3-2

lab2.py

OUTLINE

TIMELINE

lab2.py

1 #Boolean Values

2 print(10 > 9)

3 print(10 == 9)

4 print(10 < 9)

5

6 #Output:

7 True

8 False

9 False

10

11 a = 100

12 b = 63

13

14 if b > a:

15 | print("b is greater than a")

16 else:

17 | print("b is not greater than a")

18

19 #Output: b is not greater than a

20

21 print(bool("abc"))

22 print(bool(123))

23 print(bool(["apple", "cherry", "banana"]))

24

25 #Output:

26 True

27 True

28 True

29

30 def myFunction() :

31 | return True

32

33 if myFunction():

34 | print("YES!")

35 else:

36 | print("NO!")

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

(base) aluaw@Aluas-MacBook-Air w3-2 % /usr/bin/env /usr/bin/python3 /Users/aluaw/.vscode/extensions/ms-python.python-2024.2.1/pythonFiles/lib/python/debugpy/adapter/../../debugpy/launcher 52406 -- /Users/aluaw/Desktop/w3-2/lab2.py

True

False

False

(base) aluaw@Aluas-MacBook-Air w3-2 %

zsh

Python De...

Ln 38, Col 14

Spaces: 4

UTF-8

LF

Python

3.9.6 64-bit



```
thistuple = ("apple", "banana", "cherry")
y = ("orange",)
thistuple += y

print(thistuple)
```



```
('apple', 'banana', 'cherry', 'orange')
```



Python Certification Course

CHECK IT OUT!





Run >

Result Size: 705 x 665

Get your own Python server

```
thistuple = ("bir", "eki", "ush")
print(thistuple[-1])
```

ush



Python Certification Course

CHECK IT OUT!

```
tuple1 = ("bir", "bes", "zeti")
tuple2 = (1, 5, 7, 9, 3)
tuple3 = (True, False, False)

print(tuple1)
print(tuple2)
print(tuple3)
```

```
('bir', 'bes', 'zeti')
(1, 5, 7, 9, 3)
(True, False, False)
```



Искусственный интеллект Galaxy

Получить Предло...

```
list1 = ["alua", "balzhan" , "camat"]
list2 = [1, 2, 3]

list1.extend(list2)
print(list1)
```

```
['alua', 'balzhan', 'camat', 1, 2, 3]
```








```
thislist = ["alma", "banan", "cherry"]  
mylist = thislist[:]  
print(mylist)
```

```
[ 'alma', 'banan', 'cherry' ]
```



Python Certification Course

CHECK IT OUT!



Run >

Result Size: 705 x 665

Get your own Python server

```
thislist = [100, 50, 65, 82, 23]
thislist.sort(reverse = True)
print(thislist)
```

```
[100, 82, 65, 50, 23]
```



```
newlist = [x for x in range(10) if x < 5]
print(newlist)
```

[0, 1, 2, 3, 4]



Python Certification Course

CHECK IT OUT!





```
thislist = ["alma", "banan", "shie"]
i = 0
while i < len(thislist):
    print(thislist[i])
    i = i + 1
```

```
alma
banan
shie
```



Python Certification Course

CHECK IT OUT!



Run >

Result Size: 705 x 665

Get your own Python server

```
thislist = ["alma", "banan", "shie"]
thislist.pop(1)
print(thislist)
```

```
['alma', 'shie']
```

```
thislist = ["alma", "banan", "shie"]
thistuple = ("bal", "qarbyz")

thislist.extend(thistuple)

print(thislist)
```

```
['alma', 'banan', 'shie', 'bal', 'qarbyz']
```



Python Certification Course

[CHECK IT OUT!](#)

Run >

Result Size: 705 x 665

[Get your own Python server](#)

```
thislist = ["apple", "banana", "cherry", "orange", "kiwi", "mango"]
thislist[1:3] = ["mandarin", "watermelon"]
print(thislist)
```

```
['apple', 'mandarin', 'watermelon', 'orange', 'kiwi', 'mango']
```



Python Certification Course

CHECK IT OUT!

```
thislist = ["apple", "banana", "cherry"]
if "apple" in thislist:
    print("Yes, 'apple' is in the fruits list")
```

```
Yes, 'apple' is in the fruits list
```




Python Certification Course

CHECK IT OUT!

```
thislist = ["Alua", "Aizhan", "Shynar", "Zere"]  
print(thislist)
```

```
['Alua', 'Aizhan', 'Shynar', 'Zere']
```



W3Schools Certification Course

CHECK IT OUT!



Run >

Result Size: 705 x 665

Get your own Python server

```
x = 7
print(not(x > 3 and x < 10))
# returns False because not is used to reverse the result
```

False



```
x = 4
x *= 3
print(x)
```

```
12
```



```
thisset = {1, 2, "cherry"}
print(thisset)

# Note: the set list is unordered, meaning: the items will appear in a
random order.

# Refresh this page to see the change in the result.
```

```
{1, 2, 'cherry'}
```



Python Certification Course

CHECK IT OUT!

```
tuple1 = ("a", "b", "c")
tuple2 = (1, 2, 3)

tuple3 = tuple1 + tuple2
print(tuple3)
```

```
('a', 'b', 'c', 1, 2, 3)
```




```
thistuple = ("apple", "banana", "cherry")
for x in thistuple:
    print(x)
```

```
apple
banana
cherry
```



```
fruits = ("apple", "mango", "papaya", "pineapple", "cherry")

(green, *tropic, red) = fruits

print(green)
print(tropic)
print(red)
```

```
apple
['mango', 'papaya', 'pineapple']
cherry
```