

01

Correct answer
4m 2s

1

Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is correct syntax for slicing operation?

`print(list1[0])``print(list1[:2])``print(list1[:-2])`

All of the mentioned

Correct Answer: All of the mentioned

Explain

02

Correct answer
2m 3s

1

One out the following is not a variable name find out which is it?



dict



on



it



as

03

Correct answer
1m 33s

1

Is Python case sensitive when dealing with identifiers?



yes



no



machine dependent



None of the mentioned

04

Correct answer
4m 13s

1

What is the associativity of Operators with the same precedence?



Depends on operators



Left to Right



Right to Left



Depends on Python Compiler

05

Correct answer
2m 52s

1

What will be the output of the following code?

```
i = 1
while True:
    if(i % 3 == 0):
        break
    print(i)
    i += 1
```

1
21
2
3

Compilation error



None of the mentioned

06

Correct answer
49s

1

Which is the correct operator for power(xy)?



x^y



$x^{**}y$



$x^{^^}y$



None of the mentioned

07

Correct answer
1m 48s

1

Predict the output of the below code?

```
x = 1,2,3
```

```
for i in x:
```

```
    print(i, end=" ")
```



```
1
2
3
```



Error



1 2 3



123

08

Correct answer
18s

1

Predict the output of the below code?

```
x = 345
```

```
print("%06d"%x)
```



345000



000345



000000345



345000000

09

Correct answer
14s

1

Which of the following symbols are used for comments in Python?



//



"



/**/



#

10

Correct answer
4s

1

What will be the output of the following code?
`print (9//2)`



4.5



4.0



4



Error

11

Correct answer
5s

1

What is the output of the expression : $3*1**3$



27



9



3



1

12

Correct answer
6s

1

Predict the output of the below code?

```
for number in 10,15:
```

```
    for counter in range(1,3):
```

```
        print(number*counter, end=" ")
```



10 20 15 30



10 20 30 15 30 45



10 15 20 30 30 45



10 15 20 30

13

Correct answer
5s

1

What will be the output of the below code?

```
x = 123
```

```
for i in x:
```

```
    print(i)
```

☐

1
2
3

☒

Error

☐

1 2 3

☐

123

14

Correct answer
11s

1

What will be the output of the below code?

```
num1 = 100
```

```
num2 = 200
```

```
num3 = 6
```

```
if(5 >= num3):
```

```
    if(num1 > 100 or num2 > 150):
```

```
        print("1")
```

```
elif(num1 >= 100 and num2 > 150):
```

```
    print("2")
```

```
else:
```

```
    print("3")
```

☐

1

☒

2

☐

3

☐

None of the mentioned

15

Correct answer
14s

1

What should be the value of num1 and num2 to get the output as "1"?

```
if((num1 / num2 == 5) and (num1 + num2) > 5):
```

```
    print("1")
```

```
elif((num1 - num2) <= 1 or (num1 % num2) == 0):
```

```
    print("2")
```

```
else:
```

```
    print("3")
```



num1=11, num2=2



num1=0, num2=5



num1=5, num2=1



num1=-10,num2=2

16

Correct answer

1

45

What will be the output of the below code?

```
number = 28
for num in range(25, 30):
    if(number>num):
        print(num)
    else:
        print(num)
```

☐

28

☐

25
26
27
28

☐

25
26
27

☒

25
26
27
28
29

17

Correct answer
5s

1

What will be the output of the below code?

```
for num in 23, 45, 50, 65, 76, 90:
```

```
    if(num % 10 == 0):
```

```
        print(num, end=" ")
```

```
    if(num % 3 == 0):
```

```
        print(num, end=" ")
```



45 50 90 90



45 50 90



45 50 65 90



45 90

18

Correct answer

1

5s

What is the output of the following program :

```
i = 0
```

```
while i < 3:
```

```
    print(i)
```

```
    i++
```

```
    print(i+1)
```



0 2 1 3 2 4



0 1 2 3 4 5



Error



1 0 2 4 3 5

19

Correct answer
22s

1

Assume that there are five variables with the values given below:

num1=10

num2=5

num3=0

num4=2

num5=10

(num1==num5) and ((num2-num4*num3) == (num2-num3))

☒ not(num3>=num4) and (num5/num2 == num4)

☐ not(num5>num4) or (num4+num2)>num1

☐ (num2-num4*num3) <= ((num2-num4)*num3)

☐ (num1==num5) and (not(num5/num2 == num1/num2))

20

Correct answer 1
1m 33s

What will be the output of the below code?

```
True = False
```

```
while True:
```

```
    print(True)
```



False



True



Error



No output

21

Correct answer
7s

1

Predict the output of the below code?

```
num1 = 50
```

```
num2 = 2
```

```
num3 = 3
```

```
num4 = 8
```

```
result = num1/num4-num3*num2+num4
```

```
print(result)
```



8.25



100



14.5



-23.75

22

Correct answer
6s

1

Predict the output of the below code?

```
list1 = [1, 2, 3, 4, 5]
```

```
list2 = list1
```

```
list2[0] = 0;
```

```
print(list1)
```



[0, 2, 3, 4, 5]



[1, 2, 3, 4, 5]



Error



No output

23

Correct answer

1

6s

Suppose listExample is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listExample.pop()?



[3, 4, 5, 20, 5, 25, 1]



[1, 3, 3, 4, 5, 5, 20, 25]



[3, 5, 20, 5, 25, 1, 3]



[1, 3, 4, 5, 20, 5, 25]

24

Correct answer
28s

1

What will be the output of the below code?

```
list1 = ['physics', 'chemistry', 1997, 2000]  
print(list1[1][1] + " " + list1[1][-1])
```



h s



h ys



h y



hysics

25

Correct answer
23s

1

What will be the output of the below code?

```
L = list("123456")
```

```
L[0] = L[5] = 0
```

```
L[3] = L[-2]
```

```
print(L)
```

`[0, '2', '3', '4', '5', 0]``['6', '2', '3', '5', '5', '6']``['0', '2', '3', '5', '5', '0']``[0, '2', '3', '5', '5', 0]`

Write a program to find the greatest of three numbers.

Sample Input:

6
8
9

Sample Output:

9

Python 2

```
12
13 //YOUR CODE ENDS//
14
15
16 //SOLUTION MENTIONED BELOW //
17
18
19 n1 = int(input())
20 n2 = int(input())
21 n3 = int(input())
22 if(n1 > n2 and n1 > n3):
23     print(n1)
24 elif(n2 > n3):
25     print(n2)
26 else:
27     print(n3)
28
29 //SOLUTION ENDS//
```

Write a program to find the power of the given number.

Sample Input:

2 3

Sample Output:

8

Explanation:

The first input 2 is the base number and the second input 3 is the exponent. And, the power is equal to $2*2*2$

Python 2

```
1 #n,a = map(int,input().split())
2 print(n**a)
3
4 //YOUR CODE ENDS//
5
6
7
8
9
10 //SOLUTION MENTIONED BELOW //
11
12
13 b = int(input())
14 e = int(input())
15 result = 1
16 while(e != 0):
17     result = result * b
18     e = e - 1
19 print(result)
20
21 //SOLUTION ENDS//
```

Write a program to reverse a three-digit number

(**Hint:** use only operators)

Input: 543

Output:345

Python 2



```
4 3 0
5 while(n>0):
6     r=n%10
7     s=(s*10)+r
8     n=n//10
9 print(s)
10
11 //YOUR CODE ENDS//
12
13
14 //SOLUTION MENTIONED BELOW //
15
16
17 n = int(input())
18 num = (n % 10 * 100) + ((n // 10) % 10) * 10 + n // 100;
19 print(num)
20
21 //SOLUTION ENDS//
```