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NPTEL

Courses » **Joy of computing using Python**

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Unit 4 - Week 2: Introduction to Python

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Certification exam

Course outline

How to access the portal

Week 1: Introduction

Week 2: Introduction to Python

- Introduction to Anaconda
- Installation of Anaconda
- Introduction to Spyder IDE
- Printing statements in Python
- Understanding Variables in Python
- Executing a sequence of instructions in the Console
- Writing your First Program
- Taking inputs from the user
- Discount Calculation
- Motivation to if condition
- A reminder on how to deal with numbers
- Understanding if condition's

Assignment 2

The due date for submitting this assignment has passed. **Due on 2019-02-13, 23:59 IST.**

Assignment submitted on 2019-02-12, 19:28 IST

1) What is the **value of x** after this sequence of instructions is carried out?　　　　*1 point*

```
x=0
for i in range(10):
  x=x+1
```

- ○ 10
- ○ 11
- ○ 12
- ○ 13

Yes, the answer is correct.
Score: 1

Accepted Answers:
10

2) What is the correct syntax to take input from user in Python?　　　　*1 point*

- ○ x=input()
- ○ x-input
- ○ x=input_user
- ○ input(x)

Yes, the answer is correct.
Score: 1

Accepted Answers:
x=input()

3) What is the **value of a** after this sequence of instructions is carried out?　　　　*1 point*

```
a=0
while(a<10):
  a=a+1
```

- ○ 9
- ○ 10
- ○ 11
- ○ 12

Yes, the answer is correct.
Score: 1

Accepted Answers:
10

4) What is the output of the following snippet if **5** is given as the input?   *1 point*

```
c=input("Enter a number")
print(c*3)
```

○ 15

◉ 555

○ 5

○ 3

Yes, the answer is correct.
Score: 1

Accepted Answers:
555

5) What is the value of k at the end of the following sequence of instructions?   *1 point*

```
k=20
x=9
x=x*3
k=x+5
```

○ 20

◉ 32

○ 0

○ 9

Yes, the answer is correct.
Score: 1

Accepted Answers:
32

6) What is the output of the following code snippet?   *1 point*
```
a=5
for i in range(10)
    a=a+1
```

○ 15

○ 5

○ 0

◉ Error

Yes, the answer is correct.
Score: 1

Accepted Answers:
Error

7) What happens when the following code is executed?   *1 point*

```
n=5
if(n>1):
print("Hello")
```

○ Hello gets printed

○ Nothing gets printed

◉ An error is thrown

○ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
An error is thrown

8) What is the output of the following snippet?   *1 point*

```
s=0
for s in range(5):
    print(s)
```

- ⦿ 0
  1
  2
  3
  4
- ○ 0
  1
  2
  3
- ○ 01234
- ○ 012345

Yes, the answer is correct.

Score: 1

Accepted Answers:

0
1
2
3
4

9) What is the value stored in the variable answer at the end of executing the following snippet? *1 point*

```
answer=1
n=0
while(n<3):
    answer=answer*3
    n=n+1
```

- ○ 81
- ⦿ 27
- ○ 91
- ○ 9

Yes, the answer is correct.

Score: 1

Accepted Answers:

27

10 What happens when the following code is executed?   *1 point*

```
n=5
if(n%5==0):
    print("Hello")
```

- ⦿ Hello gets printed
- ○ Nothing gets printed
- ○ Hello gets printed twice
- ○ An error is thrown

Yes, the answer is correct.

Score: 1

Accepted Answers:
Hello gets printed

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