

X


<https://swayam.gov.in>

[https://swayam.gov.in/nc\\_details/NPTEL](https://swayam.gov.in/nc_details/NPTEL)

rohit3888kumar@gmail.com ▾

 NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » The Joy of Computing using Python (course)


## Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

- Introduction to Anaconda (unit? unit=37&lesson=38)
- Installation of Anaconda (unit? unit=37&lesson=39)
- Introduction to Spyder IDE (unit? unit=37&lesson=40)
- Printing statements in Python (unit? unit=37&lesson=41)

# Week 2: Assignment 2

The due date for submitting this assignment has passed.

Due on 2021-08-18, 23:59 IST.

## Assignment submitted on 2021-08-17, 14:27 IST

1) What will be the output for the following program if the user gives an input value of 3 to it? **1 point**

```
c= input("Enter a number")
print(c*5)
```

- ☐ 15  
☒ 33333  
☐ Error message  
☐ 555

Yes, the answer is correct.

Score: 1

Accepted Answers:

33333

2) Which of these statements in python will throw an error when executed?

**1 point**

- ☐ print( "Hello" )  
☐ print( 'Hello' )  
☐ print( " 'Hello' " )

● Understanding Variables in Python (unit? unit=37&lesson=42)

● Executing a sequence of instructions in the Console (unit? unit=37&lesson=43)

● Writing your First Program (unit? unit=37&lesson=44)

● Taking inputs from the user (unit? unit=37&lesson=45)

● Discount Calculation (unit? unit=37&lesson=46)

● Motivation to if condition (unit? unit=37&lesson=47)

● A reminder on how to deal with numbers (unit? unit=37&lesson=48)

● Understanding if condition's working (unit? unit=37&lesson=49)

● Realizing the importance of syntax and indentation (unit? unit=37&lesson=50)

● Introductions to loops (unit? unit=37&lesson=51)

● Loops: Sum of numbers (unit? unit=37&lesson=52)

● Loops: Sum of numbers

☒ `print( " "Hello" " )`

Yes, the answer is correct.

Score: 1

Accepted Answers:

`print( " "Hello" " )`

3) What will be the output of the following code when executed?

**1 point**

```
for i in range(3,30,3):
    print (i)
```

- ☐ It will print numbers from 3 to 30
- ☐ It will print multiples of 3 till 30
- ☒ It will print multiples of 3 till 27
- ☐ It will print 3 thirty times

Yes, the answer is correct.

Score: 1

Accepted Answers:

*It will print multiples of 3 till 27*

4) What will the output of the following code be when executed?

**1 point**

```
c=30
a=4
print(c/a)
print(c//a)
```

- ☒ 7.5
- ☐ 7
- ☐ 7.5
- ☐ 7.5
- ☐ 7
- ☐ 7
- ☐ 7.5
- ☐ 2

Yes, the answer is correct.

Score: 1

(continued)  
(unit?  
unit=37&lesson=53)

- Loops:  
Multiplication  
Tables (unit?  
unit=37&lesson=54)

- Introduction to  
While Loop  
(unit?  
unit=37&lesson=55)

### Quiz: Week 2: Assignment 2 (assessment? name=283)

- Week 2:  
Programming  
Assignment 1 -  
Hello World!  
(/noc21\_cs75/progassignment?  
name=290)

- Week 2:  
Programming  
Assignment 2 -  
Square of a  
number  
(/noc21\_cs75/progassignment?  
name=293)

- Week 2:  
Programming  
Assignment 3 -  
Discount  
(/noc21\_cs75/progassignment?  
name=294)

- Week 2  
Feedback  
Form: The Joy  
of Computing  
using Python  
(unit?  
unit=37&lesson=56)

### Week 3

### week 4

### Week 5

### Week 6

Accepted Answers:

7.5  
7

5) What value will c store in it after the execution of the below code?

1 point

```
c=b**3
```

- ☐ Value of b multiplied by 3
- ☐ Cube of b
- ☐ Value of b multiplied with 3 twice
- ☒ It will throw an error

Yes, the answer is correct.

Score: 1

Accepted Answers:

*Cube of b*

*OR*

*It will throw an error*

6) Python was named after the television show Monty Python's Flying Circus .

1 point

- ☐ False
- ☒ True

Yes, the answer is correct.

Score: 1

Accepted Answers:

*True*

7) What will the output of the following program be?

1 point

```
c=input()
print(type(c))
```

- ☒ < class 'str' >
- ☐ < class 'int' >
- ☐ < class 'number' >
- ☐ < class 'variable ' >

Yes, the answer is correct.

Score: 1

Accepted Answers:

*< class 'str' >*

8) What will the output of the following program be?

0 points

**Week 7****Week 8****Week 9****Week 10****Week 11****Week 12****Text Transcripts****Download  
Videos****Live Session****October 10  
Programming  
test - Session 1  
(10AM to 11AM)****October 10  
Programming  
test - Session 2  
(8PM to 9PM)**

- ☐ It will show an error  
☒ Hello! Welcome to Joy of Computing using Python course  
☐ 47  
☐ a+b

Yes, the answer is correct.

Score: 0

Accepted Answers:

*Hello! Welcome to Joy of Computing using Python course*

9) The python files will be saved with a .python extension

**1 point**

- ☒ False  
☐ True

Yes, the answer is correct.

Score: 1

Accepted Answers:

*False*

10) What is the output for the following program?

**1 point**

```

a=3
b=4
c=a>b
print(c)

```

- ☐ True  
☒ False  
☐ It will display an error message  
☐ Boolean

Yes, the answer is correct.

Score: 1

Accepted Answers:

*False*