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



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### Course outline

How does an  
NPTEL  
online  
course  
work? ()

Week 0 ()

Week 1 ()

Week 2 ()

Week 3 ()

week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

## Week 2 : Assignment

The due date for submitting this assignment has passed.

Due on 2023-08-09, 23:59 IST.

Assignment submitted on 2023-08-06, 22:40 IST

1) Which of the following is a high-level programming language?

1 point

- ☐ Assembly
- ☐ C
- ☒ Python
- ☐ Machine Language

Yes, the answer is correct.

Score: 1

Accepted Answers:

*Python*

2) Which of the following is an example of a front-end programming language?

1 point

- ☐ PHP
- ☐ Java
- ☒ HTML
- ☐ SQL

Yes, the answer is correct.

Score: 1

Accepted Answers:

*HTML*

3) Which of the following is used to store data in a programming language?

1 point

**Week 9 ()****Week 10 ()****Week 11 ()****Week 12 ()****Text  
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- ☒ Variables
- ☒ Arrays
- ☐ Loops
- ☐ Conditionals

Yes, the answer is correct.

Score: 1

Accepted Answers:

*Variables**Arrays*

4) Which statement will print 'The joy of computing'?

**1 point**

- ☐ print(The joy of computing)
- ☐ print The joy of computing
- ☐ printf('The joy of computing')
- ☒ print('The joy of computing')

Yes, the answer is correct.

Score: 1

Accepted Answers:

*print('The joy of computing')*

5) What should be the value of \_ to print all numbers from 0-10

**1 point**

```
for i in range( _ ):
    print(i)
```

- ☐ 10
- ☐ 9
- ☒ 11
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

*11*

6) Which of the following keyword is used to declare a function in a programming language?

**1 point**

- ☒ def
- ☐ var
- ☐ int
- ☐ float

Yes, the answer is correct.

Score: 1

Accepted Answers:

*def*

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

1 point

```
b = 0

for i in range(10):
    b = b+i

print(b)
```

- ☐ 0
- ☒ 45
- ☐ 43
- ☐ 50

Yes, the answer is correct.

Score: 1

Accepted Answers:

45

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

0 points

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

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

*It will throw an error*

9) What will be the output? suppose the input is 30

1 point

```
1
2 number = input("Enter Number")
3
4 new_number = number * 2
5
6 print(new_number)
7
```

- ☐ 60
- ☐ Error
- ☒ 3030
- ☐ 30

Yes, the answer is correct.

Score: 1

Accepted Answers:

3030

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*