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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 *1 point* it?

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 anerror 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

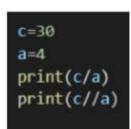
Yes, the answer is correct.

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



- 7.5
- /
- 7.5
- 7.5
- 7
- 7
- 7.5
- 2

Yes, the answer is correct. Score: 1

(continued) (unit?	Accepted Answers:	
unit=37&lesson=53)	7.5	
	7	
Loops: Multiplication Tables (unit? unit=37&lesson=54)	5) What value will c store in it after the execution of the below code?	1 point
Introduction to While Loop (unit? unit=37&lesson=55)		
Quiz: Week 2:	Value of b multiplied by 3	
Assignment 2	Cube of b	
(assessment?	Value of b multiplied with 3 twice	
name=283)	It will throw an error	
	e it will tillow all error	
• Week 2:	Yes, the answer is correct.	
Programming Assignment 1 -	Score: 1	
Hello World!	Accepted Answers: Cube of b	
(/noc21_cs75/proga	ssignment2	
name=290)		
	It will throw an error	
• Week 2:	6) Python was named after the television show Monty Python's Flying Circus .	1 point
Programming		•
Assignment 2 - Square of a	False	
number	True	
(/noc21 cs75/proga	ssignment? Yes, the answer is correct.	
name=293)	Yes, the answer is correct. Score: 1	
	Accepted Answers:	
• Week 2:	True	
Programming Assignment 3 -	nuo	
Discount	7) What will the output of the following program be?	1 point
(/noc21_cs75/proga	ssignment?	
name=294)		
	c=input()	
• Week 2	<pre>print(type(c))</pre>	
Feedback		
Form: The Joy of Computing		
using Python		
(unit?	<pre>< class 'str' ></pre>	
unit=37&lesson=56)	<pre>< class 'int' ></pre>	
	<pre>< class 'number' ></pre>	
Week 3	< class 'variable ' >	
week 4	Yes, the answer is correct. Score: 1	
Week 5	Accepted Answers:	
AACCV 7	< class 'str' >	
Week 6	8) What will the output of the following program be?	0 points

Week 7	☐ It will show an error	
	Hello! Welcome to Joy of Computing using Python course	
Week 8	47	
Week 9	a+b	
	Yes, the answer is correct. Score: 0	
Week 10	Accepted Answers: Hello! Welcome to Joy of Computing using Python course	
Week 11	9) The python files will be saved with a .python extension	1 point
Week 12	False	. , , , , , , , , , , , , , , , , , , ,
Text Transcripts	O True	
	Yes, the answer is correct.	
Download	Score: 1	
Videos	Accepted Answers: False	
Live Session	10) What is the output for the following program?	1 point
October 10		
Programming	a=3	
test - Session 1 (10AM to 11AM)	b=4	
(TOAW to TTAW)		
October 10	c=a>b	
Programming	<pre>print(c)</pre>	
test - Session 2 (8PM to 9PM)		
	26 20 20 20 20 20 20 20 20 20 20 20 20 20	
	True	
	False	
	It will display an error message	
	Boolean	
	Yes, the answer is correct. Score: 1	
	Accepted Answers:	

False