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Unit 4 - Week 2

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

- Introduction to Anaconda (unit? unit=20&lesson=21)
- Installation of Anaconda (unit? unit=20&lesson=22)
- Introduction to Spyder IDE (unit? unit=20&lesson=23)
- Printing statements in Python (unit? unit=20&lesson=24)

Assignment 2

The due date for submitting this assignment has passed.

Due on 2020-02-12, 23:59 IST.

Assignment submitted on 2020-02-08, 21:10 IST

1) Which of the following options correctly prints the phrase "Hurry Up!!"?

1 point

- ☐ `printf("Hurry Up!!")`
- ☐ `print(Hurry Up!!!)`
- ☐ `print_sentence(Hurry Up!!!)`
- ☒ `print("Hurry Up!!")`

Yes, the answer is correct.

Score: 1

Accepted Answers:

`print("Hurry Up!!")`

2) What is the output of the following code snippet?

1 point

```
1 a = "Hi"
2 b = "Arjuna"
3 c = "Bhimaa"
4 print("Hi", a, b, c)
```

- ☐ Hi Arjuna Bhimaa
- ☐ Hi Arjuna Hi Bhimaa

Understanding Variables in Python (unit? unit=20&lesson=25)

Executing a sequence of instructions in the Console (unit? unit=20&lesson=26)

Writing your First Program (unit? unit=20&lesson=27)

Taking inputs from the user (unit? unit=20&lesson=28)

Discount Calculation (unit? unit=20&lesson=29)

Motivation to if condition (unit? unit=20&lesson=30)

A reminder on how to deal with numbers (unit? unit=20&lesson=31)

Understanding if condition's working (unit? unit=20&lesson=32)

Realizing the importance of syntax and indentation (unit? unit=20&lesson=33)

Introductions to loops (unit? unit=20&lesson=34)

Loops: Sum of numbers (unit? unit=20&lesson=35)

Loops: Sum of numbers (continued)

- ☒ Hi Hi Arjuna Bhimaa
☐ Hi Arjuna Bhimaa Hi

Yes, the answer is correct.
Score: 1

Accepted Answers:
Hi Hi Arjuna Bhimaa

3) With what extension are the python files saved?

1 point

- ☐ .p
☐ .python
☐ .pyn
☒ .py

Yes, the answer is correct.
Score: 1

Accepted Answers:
.py

4) Which of the following statements correctly represents taking input from user in python? 1 point

- ☐ a=get("Enter the value")
☐ a=input("Enter the value")
☒ a=input("Enter the value")
☐ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
a=input("Enter the value")

5) What is the output of the following code?

1 point

```
1 d=-20
2 if (d>0)
3     print(d)
4 if (d<0):
5     print(-1*d)
```

- ☐ -20
☐ Syntax error
☒ 20
☐ Displays nothing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Syntax error

6) What does the following code do?

1 point

```
1 for i in range(5):
2     print(i)
```

<p>(unit? unit=20&lesson=36)</p> <p>Loops: Multiplication Tables (unit? unit=20&lesson=37)</p> <p>Introduction to While Loop (unit? unit=20&lesson=38)</p> <p>Quiz : Assignment 2 (assessment? name=261)</p>	<p><input checked="" type="radio"/> displays numbers from 0 to 4</p> <p><input type="radio"/> displays numbers from 1 to 5</p> <p><input type="radio"/> displays numbers from 0 to 5</p> <p><input type="radio"/> none of the above</p> <p>Yes, the answer is correct. Score: 1</p> <p>Accepted Answers: <i>displays numbers from 0 to 4</i></p> <p>7) What does the following code do?</p> <pre> 1 for i in range(10): 2 print("2 *", (i), "=", 2*(i+1)) </pre> <p><input type="radio"/> displays table of 2</p> <p><input type="radio"/> syntax error</p> <p><input type="radio"/> displays table of 10</p> <p><input checked="" type="radio"/> none of the above</p> <p>Yes, the answer is correct. Score: 1</p> <p>Accepted Answers: <i>none of the above</i></p> <p>1 point</p>
<p>Programming Assignment-1: Introduction to Online Portal (/noc20_cs35/progassignment? name=268)</p> <p>Programming Assignment-2: Addition (/noc20_cs35/progassignment? name=269)</p>	<p><input type="radio"/> displays table of 2</p> <p><input type="radio"/> syntax error</p> <p><input type="radio"/> displays table of 10</p> <p><input checked="" type="radio"/> none of the above</p> <p>Yes, the answer is correct. Score: 1</p> <p>Accepted Answers: <i>none of the above</i></p> <p>8) What does the following code do?</p> <pre> 1 a=1 2 for i in range(5): 3 a=a*(i+1) 4 print(a) </pre> <p><input type="radio"/> 24</p> <p><input type="radio"/> 0</p> <p><input type="radio"/> 120</p> <p><input checked="" type="radio"/> none of the above</p> <p>No, the answer is incorrect. Score: 0</p> <p>Accepted Answers: <i>120</i></p> <p>9) What is the output of the following code?</p> <p>1 point</p>
<p>Programming Assignment-3: Small (/noc20_cs35/progassignment? name=270)</p> <p>Week 2 Feedback (unit? unit=20&lesson=271)</p>	<p><input type="radio"/> 24</p> <p><input type="radio"/> 0</p> <p><input type="radio"/> 120</p> <p><input checked="" type="radio"/> none of the above</p> <p>No, the answer is incorrect. Score: 0</p> <p>Accepted Answers: <i>120</i></p> <p>9) What is the output of the following code?</p> <p>1 point</p>
<p>Week 3</p>	
<p>week 4</p>	
<p>Week 5</p>	
<p>Week 6</p>	
<p>Week 7</p>	
<p>Week 8</p>	
<p>Week 9</p>	
<p>Week 10</p>	<p><input checked="" type="radio"/> 4 3 2 1</p> <p><input type="radio"/> 5 4 3 2 1</p> <p><input type="radio"/> 4 3 2 1 0</p>
<p>Week 11</p>	

Week 12**Text Transcripts****Download
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☐ 5 4 3 2 1 0

Yes, the answer is correct.

Score: 1

Accepted Answers:

4 3 2 1

10) What is the output of the following code?

1 point

```
1 d="a"  
2 for i in range(2):  
3     d=d+1  
4     print(d),
```

☐ a b c

☐ a b

☐ b c

☒ Error

Yes, the answer is correct.

Score: 1

Accepted Answers:

Error