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Unit 12 - Week 10

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 9

Week 10

● [FLAMES - Part 01 \(unit? unit=189&lesson=190\)](#)

Assignment 10

The due date for submitting this assignment has passed. Due on 2020-04-08, 23:59 IST.

Assignment submitted on 2020-04-08, 00:26 IST

1) Which of the following is a correct representation to convert a string "s" in uppercase in python? 1 point

- ☐ uppercase(s)
☒ s.upper()
☐ upper(s)
☐ s.uppercase()

Yes, the answer is correct.

Score: 1

Accepted Answers:

s.upper()

2) Predict the output 1 point

```

1 import string
2 s="Hello"
3 s=s.replace('l','s')
4 print(s)

```

- ☐ Hello
☐ Heslo
☒ Hesso
☐ Heso

Yes, the answer is correct.

Score: 1

Accepted Answers:

- FLAMES - Part 02 (unit? unit=189&lesson=191)

Hesso

3) Predict the output

0 points

- FLAMES - Part 03 (unit? unit=189&lesson=192)

```
1 import string
2 s="Hello"
3 s=s.replace("He","s")
4 print(s[2:])
```

- ☐ llo
- ☐ ello
- ☐ l
- ☒ lo

Yes, the answer is correct.

Score: 0

Accepted Answers:

lo

- FLAMES - Part 04 (unit? unit=189&lesson=193)

- FLAMES - Part 05 (unit? unit=189&lesson=194)

- FLAMES - Part 06 (unit? unit=189&lesson=195)

- Data Compression - Part 01 (unit? unit=189&lesson=196)

4) Predict the output

0 points

- Data Compression - Part 02 (unit? unit=189&lesson=197)

```
1 import string
2 s="Hello"
3 print(s.index('ell'))
```

- Data Compression - Part 03 (unit? unit=189&lesson=198)

- ☐ [1,2,3]
- ☒ 1
- ☐ 2
- ☐ 3

Yes, the answer is correct.

Score: 0

Accepted Answers:

1

- Data Compression - Part 04 (unit? unit=189&lesson=199)

- Data Compression - Part 05 (unit? unit=189&lesson=200)

5) Which of the following can be used to see the dimension of a numpy array names 'arr'?

1 point

- Quiz : Assignment 10 (assessment? name=286)

- ☐ dim(arr)
- ☐ shape(arr)
- ☒ arr.shape
- ☐ arr.shape()

Yes, the answer is correct.

Score: 1

Accepted Answers:

arr.shape

- Programming Assignment-1: Digit (/noc20_cs35/progassignment? name=315)

6) Predict the output

1 point

- Programming Assignment-2: Missing Number (/noc20_cs35/progassignment? name=316)

```
1 import numpy as np
2 a=np.array([1,2,3])
3 b=np.array([[1],[2],[3]])
4 print(a*b)
```

- ☐ [1,4,9]
- ☒ [2,4,6]

- Programming Assignment-3: Rearrangement (/noc20_cs35/progassignment? name=317)

☐ Week 10
Feedback (unit?
unit=189&lesson=318)

Week 11

Week 12

Text Transcripts

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[[123]
[246]
[369]]

☐ error

Yes, the answer is correct.

Score: 1

Accepted Answers:

[[123]
[246]
[369]]

7) Predict the output

1 point

```
1 a=[1,2,3]
2 b=[[1],[2],[3]]
3 print(a*b)
```

☐ [1,4,9]

☐ [2,4,6]



[[123]
[246]
[369]]

☒ error

Yes, the answer is correct.

Score: 1

Accepted Answers:

error

8) What is the output of the following code ?

1 point

```
1 example = "snow world"
2 example[3] = 's'
3 print(example)
```

☐ snow

☐ snow world C

☒ Error

☐ snos world

Yes, the answer is correct.

Score: 1

Accepted Answers:

Error

9) What is the output of the following code ?

1 point

```
1 print('ab'.isalpha())
```

☒ True

☐ False

☐ None

☐ Error

Yes, the answer is correct.

Score: 1

Accepted Answers:

True

10) Numpy.array(list), what it does ?

1 point

- ☐ It converts array to list
- ☒ It converts list to array
- ☐ It converts array to array
- ☐ Error

No, the answer is incorrect.

Score: 0

Accepted Answers:

Error