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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

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, 00:13 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

FLAMES - Part 01 (unit? unit=189&lesson=190)

- ☐ Hesso
☐ Heso

No, the answer is incorrect.
Score: 0

Accepted Answers:
Hesso

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

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

3) Predict the output

0 points

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

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

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

- ☐ llo
☐ ello
☐ l
☒ lo

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

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

Yes, the answer is correct.
Score: 0
Accepted Answers:
lo

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

4) Predict the output

0 points

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

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

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

- ☐ [1,2,3]
☒ 1
☐ 2
☐ 3

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

Yes, the answer is correct.
Score: 0
Accepted Answers:
1

Quiz : Assignment 10 (assessment? name=286)

5) Which of the following can be used to see the dimension of a numpy array names 'arr'? 1 point

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

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

No, the answer is incorrect.
Score: 0
Accepted Answers:
arr.shape

Programming Assignment-2: Missing

6) Predict the output

1 point

Number
(/noc20_cs35/progassignment?
name=316)

● Programming
Assignment-3:

Rearrangement
(/noc20_cs35/progassignment?
name=317)

○ Week 10

Feedback
(unit?

unit=189&lesson=318)

Week 11

Week 12

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```
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]

☐

☐ [[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

No, the answer is incorrect.

Score: 0

Accepted Answers:

Error

9) What is the output of the following code ?

1 point

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

- ☐ True
- ☐ False
- ☐ None
- ☒ Error

No, the answer is incorrect.

Score: 0

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