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**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Python for Data Science (course)**Announcements (announcements) **About the Course** ([https://swayam.gov.in/nd1\\_noc20\\_cs36/preview](https://swayam.gov.in/nd1_noc20_cs36/preview))

Ask a Question (forum) Progress (student/home) Mentor (student/mentor)

## Unit 4 - Week 2

### Course outline

#### How does an NPTEL online course work?

#### Week 0

#### Week 1

#### Week 2

- Jupyter setup (unit? unit=2&lesson=73)
- Sequence\_data\_part\_1 (unit? unit=2&lesson=74)
- Sequence\_data\_part\_2 (unit? unit=2&lesson=75)
- Sequence\_data\_part\_3 (unit? unit=2&lesson=76)
- Sequence\_data\_part\_4 (unit?)

## Practice Assignment 2

The due date for submitting this assignment has passed. **Due on 2020-02-12, 23:59 IST.**

Assignment submitted on 2020-02-11, 19:01 IST

**Note : This assignment is only for practice purpose and it will not be counted towards the Final score**

1) Variable 'a' is defined as

**a = 'gOOd moRning'**

Command to convert 'a' from 'gOOd moRning' to 'Good Morning' is:-

- ☐ a.upper( )
- ☐ a.lower( )
- ☐ a.string( )
- ☒ a.title( )

Yes, the answer is correct.

Score: 1

Accepted Answers:

**a.title( )**

2) Create a list called "**Stationery**" with the below data

Product = ['Pencil', 'Pen', 'Eraser', 'Pencil Box', 'Scale']

Price= [5, 10, 2, 20, 12]

**1 point****1 point**

unit=2&lesson=77)

• Numpy (unit?  
unit=2&lesson=78)

• Week 2 :  
Lecture slides  
(unit?  
unit=2&lesson=90)

• **Quiz : Practice  
Assignment 2  
(assessment?  
name=67)**

• Quiz :  
Assignment 2  
(assessment?  
name=83)

• Week 2 - FAQs  
(unit?  
unit=2&lesson=91)

• Week 2  
Feedback (unit?  
unit=2&lesson=85)

• Solution :  
Assignment 2  
(unit?  
unit=2&lesson=97)

### Week 3

### Week 4

### Supporting material for Week 4

### Download Videos

```
Brand = ['Camlin', 'Rotomac', 'Nataraj', 'Camel', 'Apsara']
Stationery = [Product, Price, Brand]
```

The command to add **"Notebook"** as the first element inside the first level of the list **"Stationery"** is:-

- ☐ Stationery[0].append('Notebook')
- ☒ Stationery[0].insert(0,'Notebook')
- ☐ Stationery[0][1] = "Notebook"
- ☐ Stationery[0].extend('Notebook')

Yes, the answer is correct.

Score: 1

Accepted Answers:

*Stationery[0].insert(0,'Notebook')*

3) The method to clear all the elements from a **Set** is:-

**1 point**

- ☐ remove( )
- ☐ discard( )
- ☒ clear( )
- ☐ delete()

Yes, the answer is correct.

Score: 1

Accepted Answers:

*clear( )*

4) Consider the list,

**1 point**

```
Mylist =['a', 'a', 'b', 'b', 'b', 'c', 'c', 'd', 'e']
```

The output of the code: `Mylist.index('d')` is

- ☒ 7
- ☐ 8
- ☐ 4
- ☐ 6

Yes, the answer is correct.

Score: 1

Accepted Answers:

*7*

5) Which of the following python sequence data type is immutable?

**1 point**

- ☐ list
- ☐ dictionary
- ☒ tuple
- ☐ array

Yes, the answer is correct.

Score: 1

Accepted Answers:

*tuple*

