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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Python for Data Science (course)

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Course outline

About NPTEL
()

How does an
NPTEL online
course work?
()

Week 0 ()

Week 1 ()

Week 2 ()

☒ Jupyter setup
(unit?)

Week 2: Practice Assignment 2

Your last recorded submission was on 2025-02-05, 21:22 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()

1 point

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

Product = ['Pencil', 'Pen', 'Eraser', 'Pencil Box', 'Scale']
Price= [5, 10, 2, 20, 12]
Brand = ['Camlin', 'Rotomac', 'Nataraj', 'Camel', 'Apsara']
Stationery = [Product, Price, Brand]

1 point

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"

unit=30&lesson=31)

● Sequence_data_part_1 (unit? unit=30&lesson=32)

● Sequence_data_part_2 (unit? unit=30&lesson=33)

● Sequence_data_part_3 (unit? unit=30&lesson=34)

● Sequence_data_part_4 (unit? unit=30&lesson=35)

● Numpy (unit? unit=30&lesson=36)

● Week 2 :
Lecture slides (unit? unit=30&lesson=37)

● Week 2 - FAQs (unit? unit=30&lesson=38)

● Quiz: Week 2:
Assignment 2 (assessment? name=154)

● Week 2
Feedback Form : Python for Data Science (unit? unit=30&lesson=114)

● Practice:
Week 2:
Practice
Assignment 2

☐ Stationery[0].extend('Notebook')

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

1 point

☐ remove()

☐ discard()

☒ clear()

☐ delete()

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

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

1 point

☐ list

☐ dictionary

☒ tuple

☐ array

Check Answers and Submit

**(assessment?
name=157)**

Week 3 ()

Week 4 ()

**Supporting
material for
Week 4 ()**

**Download
Videos ()**

Books ()

**Text
Transcripts ()**

**Problem
Solving
Session - Jan
2025 ()**