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vineetsalar88@gmail.com ▾

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 ()

- Introduction to Python for Data Science (unit? unit=18&lesson=19)

# Week 1: Practice Assignment 1

Assignment not submitted

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

- 1) Which of the following is a valid variable name? **1 point**
- ☐ .ram2
  - ☐ ram.2
  - ☐ ram\_2
  - ☐ 2ram00
- 2) Which of the following statement is invalid? **1 point**
- ☐ m\_n\_q = 3500
  - ☐ m.n.q = 3500, 3600, 3700
  - ☐ m,n,q = 3500, 3600, 3700
  - ☐ mnq = 350036003700
- 3) Assignment operator used in Python is: - **1 point**
- ☐ ==
  - ☐ >>
  - ☐ <-
  - ☐ =
- 4) Which command would you use to find the data type of a variable **1 point**
- ☐ data( )
  - ☐ type( )

● Introduction to Python (unit? unit=18&lesson=20)

● Introduction to Spyder - Part 1 (unit? unit=18&lesson=21)

● Introduction to Spyder - Part 2 (unit? unit=18&lesson=22)

● Variables and Datatypes (unit? unit=18&lesson=23)

● Operators (unit? unit=18&lesson=24)

● Setup Guide (unit? unit=18&lesson=25)

● Week 1: Lecture slides (unit? unit=18&lesson=26)

● Week 1-FAQs (unit? unit=18&lesson=27)

○ Week 1 Feedback Form : Python for Data Science (unit? unit=18&lesson=113)

● Quiz: Week 1 : Assignment 1 (assessment? name=153)

○ Practice: Week 1: Practice

○ `typeof( )`

○ `str( )`

5) What will be the output after the following statements are executed?

**1 point**

`X=300`

`Y= 17`

`X%=Y`

`print(X)`

○ 11

○ 17.6

○ 300

○ 17

**Check Answers and Submit**

**Assignment 1  
(assessment?  
name=156)**

**Week 2 ()**

**Week 3 ()**

**Week 4 ()**

**Supporting  
material for  
Week 4 ()**

**Download  
Videos ()**

**Books ()**

**Text  
Transcripts  
()**

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