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[NPTEL \(https://swayam.gov.in/explorer?ncCode=NPTEL\)](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**

● 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

- ☐ data( )
- ☒ type( )
- ☐ 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**

(assessment?  
name=153)

☐ **Practice:**  
**Week 1:**  
**Practice**  
**Assignment 1**  
(assessment?  
name=156)

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**Week 2 ()**

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**Week 3 ()**

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**Week 4 ()**

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**Supporting**  
**material for**  
**Week 4 ()**

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**Download**  
**Videos ()**

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**Books ()**

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**Text**  
**Transcripts ()**

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