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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 3 - Week 1

### Course outline

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

#### Week 0

#### Week 1

- Introduction to Python for Data Science (unit? unit=1&lesson=5)
- Introduction to Python (unit? unit=1&lesson=9)
- Introduction to Spyder - Part 1 (unit? unit=1&lesson=6)
- Introduction to Spyder - Part 2 (unit? unit=1&lesson=50)

## Practice Assignment 1

 The due date for submitting this assignment has passed. **Due on 2020-02-12, 23:59 IST.**
**Assignment submitted on 2020-01-23, 20:58 IST**
**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

Yes, the answer is correct.

Score: 1

Accepted Answers:

*ram\_2*

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

- Variables and Datatypes (unit? unit=1&lesson=7)
- Operators (unit? unit=1&lesson=8)
- Setup Guide (unit? unit=1&lesson=81)
- Week 1: Lecture slides (unit? unit=1&lesson=86)
- **Quiz : Practice Assignment 1 (assessment? name=66)**
- Quiz : Assignment 1 (assessment? name=72)
- Week 1-FAQs (unit? unit=1&lesson=82)
- Week 1 Feedback (unit? unit=1&lesson=84)
- Solution - Assignment 1 (unit? unit=1&lesson=96)

**Week 2****Week 3****Week 4****Supporting material for Week 4****Download Videos**

Yes, the answer is correct.  
Score: 1  
Accepted Answers:  
*m.n.q = 3500, 3600, 3700*

3) Assignment operator used in Python is: -

**1 point**

- ☐ ==
- ☐ >>
- ☐ <-
- ☒ =

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

4) Which command would you use to find the data type of a variable

**1 point**

- ☐ data( )
- ☒ type( )
- ☐ typeof( )
- ☐ str( )

Yes, the answer is correct.  
Score: 1  
Accepted Answers:  
*type( )*

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

Yes, the answer is correct.  
Score: 1  
Accepted Answers:  
*11*

