

PYTHON FOR DATA SCIENCE

ASSIGNMENT-1

NAME: PRANATHI S

SRN: PES2UG22EC096

MCQ

1) What is the output of the following code snippet?

```
a = 4  
b = 5  
a*= b * 2  
p r i n t ( a )
```

- a) 10**
- b) 20**
- c) 25**
- d) 40**

2) Which of the following object does not support indexing?

- a) Tuple**
- b) List**
- c) Dictionary**
- d) Set**

DESCRIPTIVE QUESTIONS

- 1) What are data types? Why are they important in programming languages? Illustrate with examples of at least three different data types.**
- 2) Differentiate between lists and tuples in Python with examples.**