

## Question 1 (5 Marks)

Create variables for the following:

- Name = Ali
- Age = 20
- CGPA = 3.75
- Student = True

### Expected Output:

Name: Ali

Age: 20

CGPA: 3.75

Student: True

Print the output exactly like this:

## Question 2 (5 Marks)

Create a list of five fruits.

Print:

1. The complete list.
2. The first fruit.
3. The last fruit.

### Expected Output:

['Apple', 'Mango', 'Banana', 'Orange', 'Grapes']

Apple

Grapes

## Question 3 (5 Marks)

Create a dictionary with the following information:

- Name = Ahmad
- Age = 22
- Course = Python

### Expected Output:

Ahmad

22

Python

Print only:

## Question 4 (5 Marks)

Create the following variables:

- Tuple containing 5 colours
- Set containing 5 programming languages

Print both.

### Expected Output:

Print Both.

(Remember that the order of items in a set may vary.)

## Question 5 (5 Marks)

Create a bytearray with:

65 66 67 68 69

Print the bytearray.

Then change the third element to 90 and print it again.

### Expected Output:

Bytearray (b'ABCDE')

bytearray(b'ABZDE')

## Question 6 (5 Marks)

Create variables of the following data types:

- String
- Integer
- Float
- Boolean
- Complex
- List
- Tuple
- Dictionary
- Set
- None

### Expected Output:

Example format:

Python <class 'str'>

100 <class 'int'>

Print the value and the data type of each variable.

## Question 7 (5 Marks)

Write a Python program that uses a **for loop** and the **range()** function to print the numbers from **3 to 10**.

### Instructions:

- You must use a for loop.
- You must use the range() function.
- Do not print each number manually.

**Expected Output:**

**Example format:**

3 4 5 6 7 8 9 10