

Class : VI Std

chapter-5 - Meet the python
Month - September

I Answer the following in short:

1. Explain the difference between `print("12")` and `print(12)` with outputs.

Ans: `Print("12")` displays 12 as a string, whereas `Print(12)` displays 12 as an integer.

2. What is variable initialization?

Ans: It is the process of assigning an initial value to a variable.

3. What is the difference between interactive mode and script mode in python?

Ans: Interactive mode executes commands one at a time, whereas script mode executes a complete program written in a script.

II Answer the following: (Long answers).

1. Explain the various types of datatypes in python with examples.

Ans: Python data types:

Integer (int): whole numbers
eg: 25

Float: Decimal numbers
eg: 34.3

String (str): Text
eg: "Hello"

2. what is an input statement in python?
Give an example.

Ans: Input Statement - It is used to take information from the user.

Example: name = input("Enter your name")

III Competency Based Questions:

2. A Shopkeeper makes a small python program to add two numbers.

num 1 = input("Enter first number: ")

num 2 = input("Enter Second number: ")

Print ("Total: ", num 1 + num 2)

Date _____
Page _____

If the user enters 7 and 3, what will be the output on the screen and why?

Ans: Total : 73

Reason : input() takes the entered values as strings, so 7+3 becomes "7"+"3" = "73".