**Q1. What can Python do?**

Write a short paragraph (3–5 lines) explaining **three real-world uses of Python** (e.g., web development, data science, automation, etc.).

**Q2. Why Python?**

List **at least 5 reasons** why Python is popular among developers.

**Q3. Python Syntax**

Write a small Python program that prints:

Hello, Python Learner!

Welcome to your first Python program.

**📗 PART B – Beginning Python Basics**

**Q4. The Print Statement**

Write a Python program that displays:

Name: <Your Name>

Course: Python Programming

Goal: To become a Python Developer

**Q5. Comments**

Add both **single-line** and **multi-line** comments in your code describing what your program does.

**Q6. Python Data Types**

Create variables for each type and print both the **value** and **type** using type() function.

Example:

name = "Amit"

age = 25

salary = 65000.50

is\_manager = True

skills = ["Python", "Excel", "SQL"]

info = {"Company": "TechCorp", "Role": "Trainer"}

Output Example:

name -> Amit <class 'str'>

age -> 25 <class 'int'>

salary -> 65000.5 <class 'float'>

...

**Q7. Python Data Structures**

Perform the following:

**(a) List**

* Create a list of 5 favorite movies.
* Print the 1st and last movie.
* Add a new movie and remove one movie.
* Sort the list alphabetically.

**(b) Tuple**

* Create a tuple containing 5 colors.
* Try to change one value and observe what happens.

**(c) Set**

* Create two sets:  
  set1 = {1, 2, 3, 4}  
  set2 = {3, 4, 5, 6}
* Find **union**, **intersection**, and **difference**.

**(d) Dictionary**

* Create a dictionary for an employee with keys:  
  name, age, department, salary.
* Add a new key location.
* Print all keys and values using a loop.