**2 ) Reading Data from Keyboard**

* **Using the input() function to read user input from the keyboard.**

In Python, the input() function is used to take input from the user via the keyboard. It pauses the program and waits for the user to type something

Example

name = input("Enter your name: ")

print("Hello, ",name)

* **Converting user input into different data types (e.g., int, float, etc.).**

the input() function in Python returns user input as a string, even if the user enters a number. To use the input as a number (like for calculations), it must be converted into the correct datatype using **type conversion functions** such as int(), float(), or bool().

1. **Converting to Integer (int)**

age = int(input("Enter your age: "))

print("You age is : ", age)

1. **Converting to Float (float)**

price = float(input("Enter the price of the item: "))

print("Total with tax: ₹", price \* 1.18)

1. **Converting to Boolean (bool)**

n = bool(input("Are you a student? (1 for Yes / 0 for No): "))

print("Student status:", n)

1. **Converting Numbers to Strings (str)**

score = 90

print("Your score is " + str(score))