# 🧠 Variables

**Q1.** Create variables for a person's name, age, and whether they are a student, then print each one.

**Q2.** Declare a variable called `full_name` and assign your full name to it. Print a sentence like:

My name is John Doe.

# 🧵 String Concatenation

**Q3.** Combine first name and last name into `full_name` using the `+` operator and print it.

**Q4.** Use an f-string to print:

`My name is Alice and I am 25 years old.`

Use variables for `name` and `age`.

# ⌨️ User Input

**Q5.** Ask the user to enter their name. Then greet them by name.

**Q6.** Ask the user to enter two numbers and print their sum.

# ➕ Arithmetic Operators

**Q7.** Given `a = 15` and `b = 4`, print:

- Sum

- Difference

- Product

- Remainder

- Power

# 🔀 Conditionals

**Q8.** Ask the user to enter their age. Print:

- "You are an adult" if age is 18 or more

- "You are a teenager" if age is between 13 and 17

- "You are a child" otherwise

**Q9.** Ask the user for a number. Print whether it is even or odd.

# 🔁 Loops

**Q10.** Use a `for` loop to print numbers from 1 to 5.

**Q11.** Use a `while` loop to count down from 6 to 40.

# 🔁 Functions

**Q12.** Write a function called `greet_user` that asks for the user's name and prints a personalized greeting.