1. Write a program that checks whether a given number is positive or negative.
2. Create a program that determines if an entered number is even or odd.
3. Write a program that compares two numbers and prints the larger one.
4. Create a program that asks for the user's age and prints whether they are a child, teenager, or adult.
5. Write a program that checks if a given year is a leap year.
6. Create a program that takes two numbers as input and prints whether they are equal or different.
7. Write a program that checks if a given character is a vowel or a consonant.
8. Create a program that calculates the total price of items in a shopping cart. Apply a 10% discount if the total exceeds $100.
9. Write a program that checks if a given number is prime.
10. Create a program that calculates the BMI (Body Mass Index) based on the user's weight and height, and then categorizes it as underweight, normal weight, overweight, or obese.