LAB ACTIVITY 5:

1. Implement a program that takes three sides of a triangle as input and identifies whether it is equilateral, isosceles, or scalene. Consider invalid inputs as well.
2. Write a program that calculates the income tax for a user based on their income. Use nested if-else statements to apply different tax rates based on income brackets.
3. Create a program that checks if a given character is a vowel or a consonant. Handle both uppercase and lowercase letters using if-else statements.
4. Develop a program that classifies a given integer as positive, negative, or zero. Include additional checks for odd or even numbers.
5. Write a program that takes three numbers as input and outputs them in ascending order. Use nested if-else statements to handle the different cases.
6.Write a program that simulates currency exchange rates. Use if-else statements to handle different currencies and provide feedback on gains or losses.
7. Implement a time zone converter that takes a time in one city and converts it to another city's time. Use nested if-else statements to handle different time zones and daylight saving time.
8. Write a program that converts temperatures between Celsius and Fahrenheit. Allow the user to input the temperature and the desired unit. Use if-else statements.
9. Create a program that checks a person's health status based on their BMI (Body Mass Index) and blood pressure readings. Use if-else statements to provide health recommendations.
10. Create a program that calculates the cost of movie tickets based on the user's age and whether it's a matinee or evening show. Use if-else statements for different pricing rules.