Assignment no 2:

- Exercise 2: Write a program that takes input and calculates the volume of a cube.

- Exercise 3: Write a program that checks if a given number is positive, negative, or zero.

- Exercise 4: Write a program that checks if a given number is even or odd.

- Exercise 5: Write a program that determines if a person is eligible to vote based on their age.

- Exercise 6: Write a program that calculates the result of a mathematical expression. ((10 + 5) * 3 - 2) / (4 % 3) - 7

Assignment no 3:

- Write a program to convert the temperature from Celsius to Fahrenheit and vice verse.
- Write a program that calculates the percentage.
- Write a program that converts given number of days in to weeks and days such as 17 days = 2 weeks and 3 days.
- Write a program that calculates the discount for a product based on its price. If the price is above $100, apply a 10% discount; otherwise, apply a 5% discount.

- Create a program that determines the category of a user-provided age. If the age is between 0 and 12, print "Child." If it's between 13 and 19, print "Teenager." Otherwise, print "Adult."
- Write a program that takes temperature and check it. If it is cold then suggest the user to wear warm clothes and so on according to the weather.
- Write a program that checks if the given number is divisible by 3 or 5 or both or not divisible by anyone show output accordingly.
- Write a program that checks if the given year is leap year or not.
- Develop a program that determines the day of the week. Ask the user for a number (1-7) and use nested if statements to print the corresponding day's name.
- Write a program that takes the number of units consumed by a user if it is greater than 100 then add 10% tax if greater than 200 then add 15% of tax so on up to if greater than 500 then add 25% of tax
- Where the tax amount will be calculated by the amount of bill.