1. Take a number from the user and check if it is odd number or even number.
2. Given two numbers N1 and N2, calculate the summation from N1 to N2 and their average. Assume N1 and N2 are positive integer value and N2>N1.
3. Given two numbers N1 and N2, calculate the summation from N1 to N2 and their average. Assume N1 and N2 are positive integer value.
4. Write a program to get a number N from the user, and check if it is negative: a message should be displayed to say that the number is negative. Otherwise: it should print the summation of the numbers from 1 to N.
5. Write a program that reads N numbers from the user and prints the average of the elements greater than 6.
6. Write a program to read N numbers from the user and prints the sum of the odd elements and the sum of the even elements.
7. Write a program that reads a number N from the user and prints the sum of the geometric series: Sum = 1^2 + 2^2 + 3^2 + 4^2 + . . . N^2
8. Write a program that gets two positive integer numbers X and Y and calculates X^Y. (Hint: using loops with multiplication, i.e., X^Y = X\*X\*X\*… Y times)
9. Write a program that reads the departure time of a train and the arrival time and computes and displays the trip time. (for Departure time 10:50 and Arrival time 12:10 the trip time will be 1 hr and 20 min)