Answer the following:

- **Write a program that takes input values and display whether they are odd or even.**
- **Write a program to swap the values of two numbers if the values of both variables are not the same using a switch statement**

- **Display student information using structures.**
- **A school has following rules for grading system:**
  a. Below 25 - F
  b. 25 to 45 - E
  c. 45 to 50 - D
  d. 50 to 60 - C
  e. 60 to 80 - B
  f. Above 80 - A
  Ask user to enter marks and print the corresponding grade.

Factorial of any number n is represented by n! and is equal to 1*2*3*....*(n-1)*n. E.g.-

4! = 1*2*3*4 = 24

3! = 3*2*1 = 6

2! = 2*1 = 2

Also,

1! = 1

0! = 0

Write a C++ program to calculate factorial of a number.

Write a C program to input week number(1-7) and print day of week name using switch case. C program to find week day name using switch case.

Display 5 elements using for loop , while loop , do while loop respectively.