Programming Questions on 'switch'

1. Write a sentinel controlled menu-driven program for the following options for the user:

   (a) To find LCM of 2 Numbers
   (b) To find HCF of 2 Numbers
   (c) To check whether a number is perfect square or not.
   (d) Exit

2. Write a menu-driven program using 'switch' containing following programs:

   (i) Factorial of any number
   (ii) Prime Number
   (iii)   Even or Odd number

3. Write a program to determine whether an entered character is a vowel or not using 'switch' statement.