* 1. A 5 digit positive integer is entered through the keyboard, write a recursive function to calculate sum of digits of the 5 digit number.
  2. A positive integer is entered through the keyboard. Write a program to calculate the factorial value using recursive function.
  3. A positive integer n is entered through the keyboard. Write a recursive function to obtain the first nth numbers of a Fibonacci sequence.
  4. A positive integer is entered through the keyboard, write a recursive function to calculate product of digits of the number.
  5. Write Binary Search code using recursive function.