**/\* Practical No : 01.A Date:**

**Write a java Program to find factorial of a given number**

**Roll\_No : MC16F14F007**

**Name : Anand A Halanavar**

**\*/**

**import java.util.InputMismatchException;**

**import java.util.Scanner;**

**public class Facto**

**{**

**public static void main(String[] args)**

**{**

**Scanner sc = new Scanner(System.in);**

**System.out.println("Enter the Number : ");**

**int num = 0;**

**long fact = 1;**

**try**

**{**

**num = sc.nextInt();**

**}**

**catch(InputMismatchException e)**

**{**

**System.out.println("Please enter correct input : ");**

**System.exit(0);**

**}**

**if(num>=1)**

**{**

**for(int i=1;i<=num;i++)**

**{**

**fact = fact\*i;**

**}**

**}**

**System.out.println("Factorial of a "+num+" is : "+fact);**

**}**

**}**

**/\***

**D:\anand>javac Facto.java**

**D:\anand>java Facto**

**Enter the Number :**

**5**

**Factorial of a 5 is : 120**

**\*/**