## **PRACTICAL 7:**

**AIM:** Package - Write a program to demonstrate packages. Create multiple packages, declare and call methods from same and different packages.

Source code:

The below class is a part of package lab7.

package lab7;

public class factorial

{

int n;

public int fact(int n)

{

if(n<=1)

return 1;

else{

return (n\*fact(n-1));

}

}

}

The below main class is a part of package test where the lab7 package is imported and accessed.

package test;

import lab7.\*;

public class factmain

{

public static void main(String a[])

{

int x=Integer.parseInt(a[0]);

int ans;

factorial d1=new factorial();

ans=d1.fact(x);

System.out.println("factorial of "+x+" is " + ans);

}

}

Output:

