```java
package javaassignmentprograms;
public class Factorial
{
        public static int Factorial(int n) {
        if (n == 0)
        {
            return 1;
        } else
        {
          return n * Factorial(n - 1);
        }
}

    public static void main(String[] args) {

        int a = 5;
        int result = Factorial(a);

        System.out.println("Factorial of " +
  a + " is: " + result);
    }
}


```