1. Find Factorial using Recursion

using System;

public class HelloWorld

{

static int Factorial(int num)

{

if(num==0)

{

return 1;

}

else

{

return num\*Factorial(num-1);

}

}

public static void Main(string[] args)

{

int num=5;

int result=Factorial(num);

Console.WriteLine("The factorial is: "+result);

}

}