

Program to calculate factorial using class and recursion

```
import java.io.*;
class fact
{
    int answer(int n)
    {
        if (n==1)
        {
            return(1);
        }
        else
        {
            return(n*answer(n-1));
        }
    }
}
class factorial
{
    public static void main(String args[]) throws Exception
    {
        int num, i, factor=0;
        fact obj = new fact();
        DataInputStream ins = new DataInputStream(System.in);
        System.out.print("Enter the number: ");
        num = Integer.parseInt(ins.readLine());
```

```
factor = obj.answer(num);
```

```
System.out.print("The factorial is: " + factor);
```

```
}
```

```
}
```

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