

```
long fact (int n)
```

```
{
```

```
if (n > 0)
```

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

```
else
```

```
return (1);
```

```
}
```

```
main ()
```

```
{
```

```
scanf ("%d", &s);
```

```
printf ("Factorial of %d is %ld", fact (s));
```

```
getch();
```

```
}
```

output . Factorial of 5 is = 120