

```
#include<stdio.h>
```

```
int factorialRecursive(int num){
```

```
    if(num<=1){
```

```
        return 1;
```

```
    }
```

```
    return num * factorialRecursive(num-1);
```

```
}
```

```
int main(){
```

```
    int num;
```

```
    printf("\t\t\t\t *** Recursive Factorial Function ***\n\n");
```


```
    printf("Enter Number:");
```

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

```
    printf("Factorial of %d is %d",num , factorialRecursive(num));
```

```
    return 0;
```

```
}
```

 "C:\Users\Student.PC-238\Desktop\Exp 5 Task 2.exe"

*** Recursive Factorial Function ***

Enter Number:5

Factorial of 5 is 120

Process returned 0 (0x0) execution time : 3.167 s

Press any key to continue.