

```
int factorial(int n) {
```

```
    int r = 1;
```

```
start:
```

```
    if (n == 0) goto end;
```

```
        r = r * n;
```

```
        n = n - 1;
```

```
        goto start;
```

```
end:
```

```
    return(r);
```

```
}
```

