

```
int fak(int x)
    return 1;
```

```
int fak(int x)
    return 1*fak(0);
```

```
int fak(int x)
    return 2*fak(1);
```

```
int fak(int x)
    return 3*fak(2)
```

```
cout << fak(x)
```

0

1

2

3

3