

```
function power(x : int, n : int) : int =  
  if n = 0 then 1  
  else if even(n) then square(power(x, n/2))  
  else (x * power(x, n - 1))
```

*Tiger*

$\Downarrow$  n = 5

*Tiger*

```
function power5(x : int) : int =  
  x * square(square(x))
```