

```
1 long pow( long x, int n )
2 {
3     if( n == 0 )
4         return 1;
5     if( n == 1 )
6         return x;
7     if( isEven( n ) )
8         return pow( x * x, n / 2 );
9     else
10         return pow( x * x, n / 2 ) * x;
11 }
```