**7 kyu**

**Squares sequence**

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JavaScript

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Create a function squares(x,n) that starts with a number (x) and returns an array of length (n) with squares of the previous number. If n is negative or zero, return an empty array/list.

**Examples**

squares(2,5)=[2,4,16,256,65536]

squares(3,3)=[3,9,81]

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**function**  squares(x, n)

{

**if**(n == 0) **return** [];

    ans = [];

    ans.push(x);

**for**(let i =1; i<n; i++) {

       ans.push(ans[i-1] \* ans[i-1]);

    }

**return** ans;

}

document.write(squares(2,5));