

Coding Challenge #2: Number Squaring

Some simple coding exercises to test your JavaScript concepts.

We'll cover the following ^

- Problem Statement
 - Input
 - Expected Output
- Coding Exercise
- Task 2
 - Expected Output
- Coding Exercise

Problem Statement

Complete the below program so that the `square1()` and `square2()` functions work properly.

Input

```
square1(0);  
square1(2);  
square1(5);  
  
square2(0);  
square2(2);  
square2(5);
```

Expected Output

```
0  
4  
25  
  
0  
4
```

Coding Exercise

```
1 // Square the given number x
2 function square1(x) {
3   // TODO: complete the function code
4 }
5
6 // Square the given number x
7 const square2 = x => null; // TODO: complete the function code
```



Task 2

When it's done, update the program so that it shows the square of every number between 0 and 10.

Writing 10 dumb calls to `square()` is forbidden! You know how to repeat statements, don't you? ;)

Expected Output

```
1
4
9
16
25
36
49
64
81
```

Coding Exercise

```
// Square the given number x
function square(x) {
  // TODO: complete the function code
```



```
// TODO: complete the function code  
}  
// Call the above function repeatedly to print square of every number  
  
// between 0 and 10
```

