Challenge 5: List of Squares

Here is the challenge: you are required to create a list containing squares of numbers.
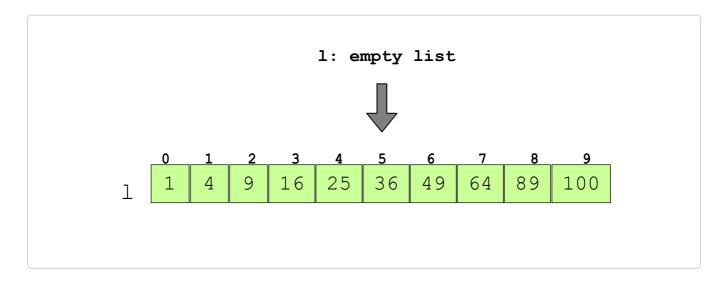
Problem Statement

Given a `getSquare()` function, create a list with the squares of the first 10 numbers, i.e., in the range from 1-10.

Input

An empty list

Output

An updated list with the square of each value in the list

```
                          l: empty list

                               ⬇

              0     1    2     3     4     5     6     7     8     9
        ┌────┬────┬────┬────┬────┬────┬────┬────┬────┬────┐
     l  │ 1  │ 4  │ 9  │ 16 │ 25 │ 36 │ 49 │ 64 │ 89 │100 │
        └────┴────┴────┴────┴────┴────┴────┴────┴────┴────┘
```

Coding Exercise

You have been provided with some starter code and a return statement that allows you to return the list.

Suggestion: More about list comprehensions can be found at Python Documentation on List Comprehension.

```
def getSquare():
  ## Write your code here
  l1 = [] ## Create your list here
  return l1
```

Let's move on to the next lesson to get a detailed review of the solution.