

Challenge 7: Lists of Even and Odd Numbers

In this challenge, you are required to create a list containing even and odd numbers.

WE'LL COVER THE FOLLOWING ^

- Problem Statement
- Input
- Output
- Coding Exercise

Problem Statement

Given a `ListofEvenOdds()` function, create a list comprehension with all the even numbers from 0 to 20, and another one with all the odd numbers.

Input

Two empty lists

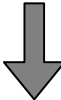
Output

List 1 with even numbers

List 2 with odd numbers

11: empty list

12: empty list



	0	1	2	3	4	5	6	7	8	9
11	0	2	4	6	10	12	14	16	18	20

	0	1	2	3	4	5	6	7	8	9
12	1	3	5	7	9	11	13	15	17	19

Coding Exercise

You have been given some starter code and a return statement that allows you to return the lists you create.

Suggestion: More about list comprehensions can be found at [Python Documentation on List Comprehension](#).

```
def ListofEvenOdds():  
    l1 = [] # list of even numbers  
    l2 = [] # list of odd numbers  
    return [l1, l2]
```



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