

## Lists Exercise: What is the output for numbers 1 and 2, and what is the codes for numbers 3 and 4?

- 1. `[i for i in "citcs"]`
- 2. `[ i for i in range(1, 11)]`
- 3. `[2, 4, 6, 8, 10]`
- 4. `[1, 3, 5, 7, 9]`

1. Output for `[i for i in "citcs"]`

```
[1]: cs = [i for i in 'citcs']  
print (cs)  
  
['c', 'i', 't', 'c', 's']
```

2. Output for `[i for i in range (1, 11)]`

```
[2]: range = [i for i in range (1, 11)]  
print (range)  
  
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

3. Output for `[2, 4, 6, 8, 10]`

main.py	Save	Run	Output
<pre>1 even_numbers = [i for i in range (2, 11, 2)] 2 print (even_numbers)</pre>			<pre>[2, 4, 6, 8, 10]  === Code Execution Successful ===</pre>

4. Output for `[1, 3, 5, 7, 9]`

main.py	Save	Run	Output
<pre>1 odd_numbers = [i for i in range (1, 10, 2)] 2 print (odd_numbers)</pre>			<pre>[1, 3, 5, 7, 9]  === Code Execution Successful ===</pre>