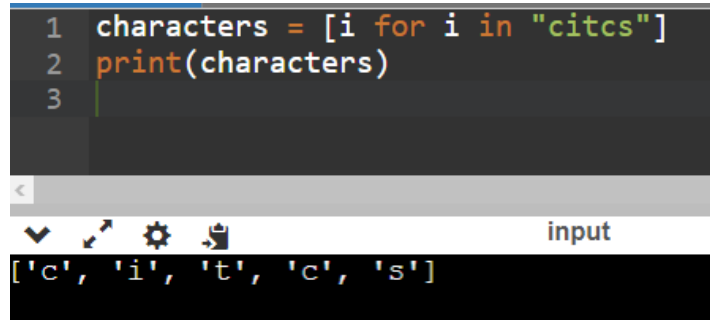


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CS3C

List Exercise: What is the output for number 1 and 2, and what is the codes for number 3 and 4?

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

```
1 characters = [i for i in "citcs"]
2 print(characters)
3
```

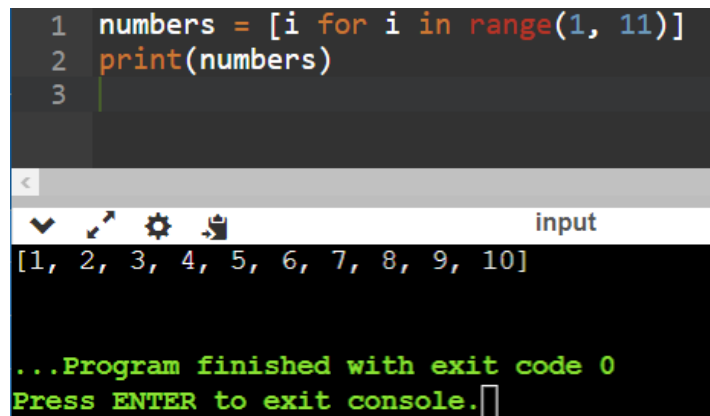


The screenshot shows a Python IDE with a dark background. The code is entered in the editor, and the output is displayed in the console below. The output is a list of characters: ['c', 'i', 't', 'c', 's'].

the output will be `['c', 'i', 't', 'c', 's']`

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

```
1 numbers = [i for i in range(1, 11)]
2 print(numbers)
3
```



The screenshot shows a Python IDE with a dark background. The code is entered in the editor, and the output is displayed in the console below. The output is a list of numbers: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]. Below the output, a message indicates that the program finished with exit code 0 and prompts the user to press ENTER to exit the console.

the output will be `[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]`

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

```
1 even_numbers = [i for i in range(2, 11, 2)]
2 print(even_numbers)
```

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

```
1 odd_numbers = [i for i in range(1, 10, 2)]
2 print(odd_numbers)
```