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BSCS 3C

Number 1:

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

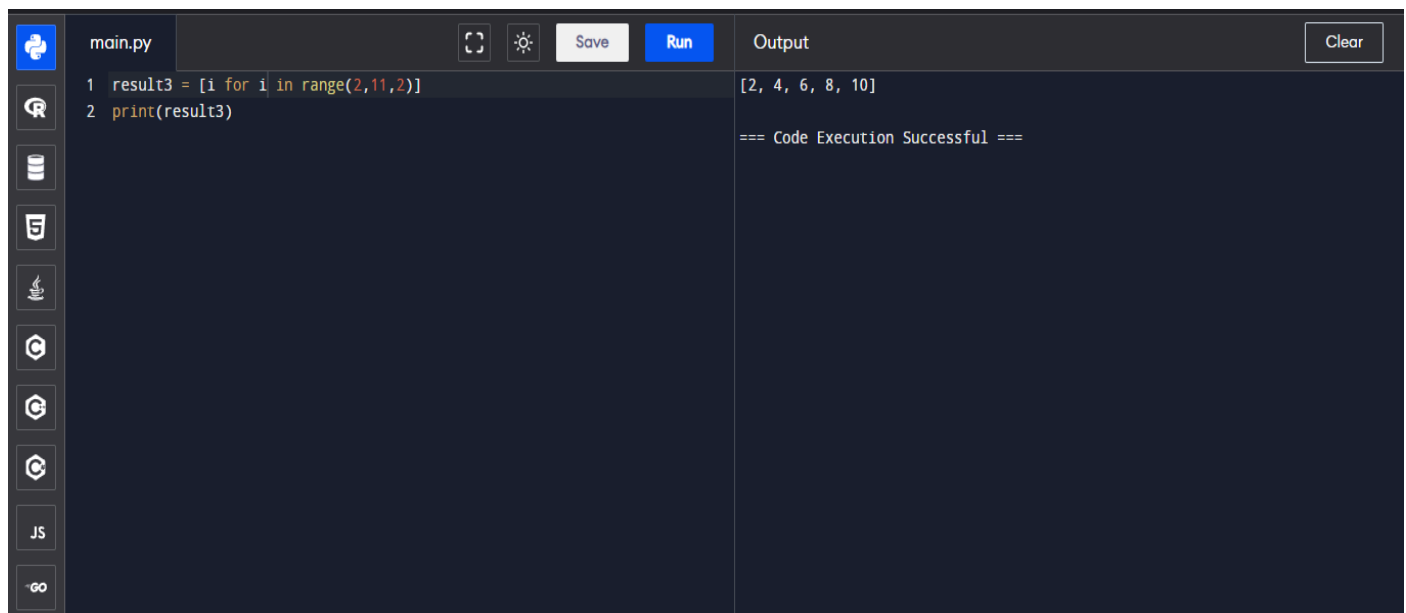
- This code uses a list comprehension to iterate over the string "citcs" and create a new list containing each character as a separate element.

Number 2:

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

- This code uses a list comprehension to iterate through a range object from 1 to 10 (excluding 11) and create a new list containing all the numbers in that range.

Number 3:



The screenshot shows a Jupyter Notebook interface with a dark theme. The top bar includes a file explorer icon, a settings icon, and buttons for 'Save' and 'Run'. The main area is divided into two sections: a code editor on the left and an output area on the right. The code editor contains two lines of Python code: `1 result3 = [i for i in range(2,11,2)]` and `2 print(result3)`. The output area displays the result of the code execution: `[2, 4, 6, 8, 10]` followed by a success message: `=== Code Execution Successful ===`. On the left side of the interface, there is a vertical toolbar with icons for various actions like running, saving, and navigating between cells.

```
range(2, 11, 2) # This would generate the list [2, 4, 6, 8, 10]
```

Number 4:

Programiz Python Online Compiler

Programiz PRO >

main.py

Save

Run

```
1 result4 = [i for i in range(1,10,2)]
2 print(result4)
```

Output

Clear

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

=== Code Execution Successful ===
```

`range(1, 10, 2)` # This would generate the list `[1, 3, 5, 7, 9]`