

2) Write a Python Program to generate and print a list of numbers from 1 and 10.

Ans. You can generate and print a list of numbers from 1 to 10 in Python using a list comprehension. Here's a Python program to do that:

```
# Generate and print a list of numbers from 1 to 10
numbers = [i for i in range(1, 11)]
print(numbers)
```

OUTPUT:

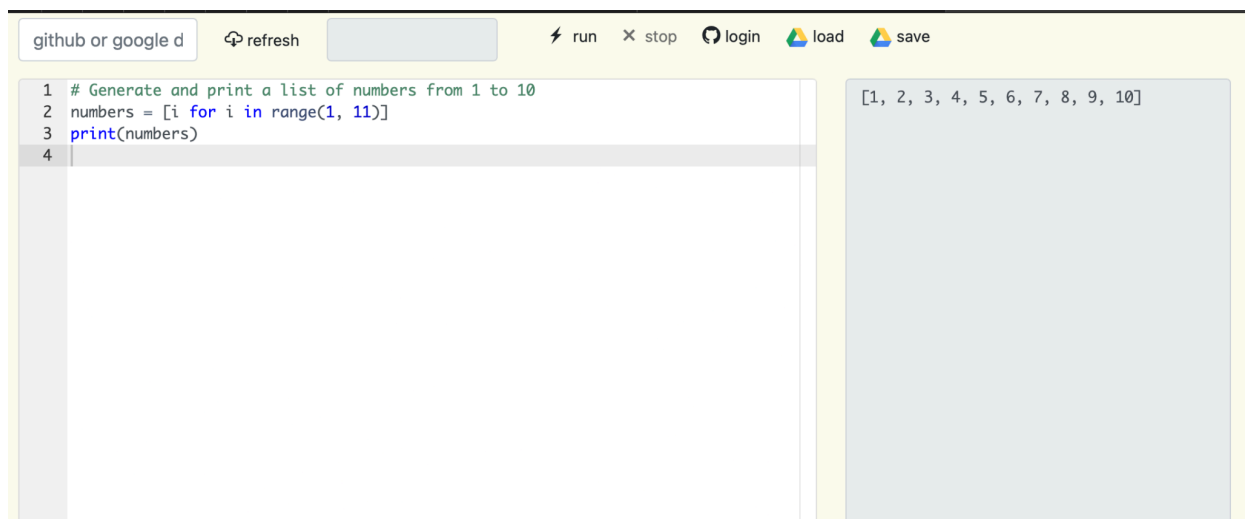
```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

Explanation: range(1, 11) generates numbers from 1 to 10 (inclusive).

The list comprehension [i for i in range(1, 11)] iterates over each number generated by range(1, 11) and stores it in the list numbers.

Finally, print(numbers) prints the list of numbers.

Executed code is here below:



The screenshot shows a web-based Python IDE interface. At the top, there is a search bar with the text "github or google d", a "refresh" button, and several utility buttons: "run" (lightning bolt icon), "stop" (X icon), "login" (person icon), "load" (cloud icon), and "save" (floppy disk icon). The main area is split into two panels. The left panel is a code editor with the following Python code:

```
1 # Generate and print a list of numbers from 1 to 10
2 numbers = [i for i in range(1, 11)]
3 print(numbers)
4
```

The right panel is an output console displaying the result of the execution:

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```



main.py



Save

Run

Shell

Clear



```
1 # Generate and print a list of numbers from 1 to 10
2 numbers = [i for i in range(1, 11)]
3 print(numbers)
4
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
> |
```