

Day 22



for Loop with else in Python:

Example: a basic example of for loop with else.

```
● 1  for i in range(5):
    2      print(i)
    3  else:
    4      print("Aditya")
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

```
● PS E:\Python\Day21-30\Day22> python main.py
0
1
2
3
4
Aditya
```

Example: another example.

```
1  for i in []:
2      print(i)
3  else:
4      print("Aditya")
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

```
● PS E:\Python\Day21-30\Day22> python main.py
Aditya
```

Example:

```
1  for i in [1,2,3]:
2      print(i)
3  else:
4      print("Aditya")
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

```
● PS E:\Python\Day21-30\Day22> python main.py
1
2
3
Aditya
```

Example: using for ... if ... else. Clearly, else will execute only when the for loop completed successfully.

The screenshot shows the VS Code interface with the following details:

- Code Editor:** Displays the following Python code:

```
1 for i in [1,2,3]:  
2     print(i)  
3     if i == 2:  
4         break  
5 else:  
6     print("Aditya")
```
- Terminal:** Shows the command `python main.py` being run in a Windows Command Prompt (PS) window. The output is:

```
PS E:\Python\Day21-30\Day22> python main.py  
1  
2
```
- Bottom Navigation:** The "TERMINAL" tab is underlined, indicating it is active.

--The End--