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.

```python
1  for i in [1,2,3]:
2      print(i)
3      if i == 2:
4          break
5  else:
6      print("Aditya")
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

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

--The End--