Voting System

Aim: To develop a simple Python program that checks whether a person is eligible to vote based on their age, displays their name along with eligibility status, and prints completion messages using a loop.

Error code:

```python
print("Voting System")

name = input("Enter name: ")

age = input("Enter age: ")

if age >= 18

 print("Eligible")

else

 print("Not Eligible")

print("Voter:", Name)

for i in range(2)

print("Done")

print("End")
```
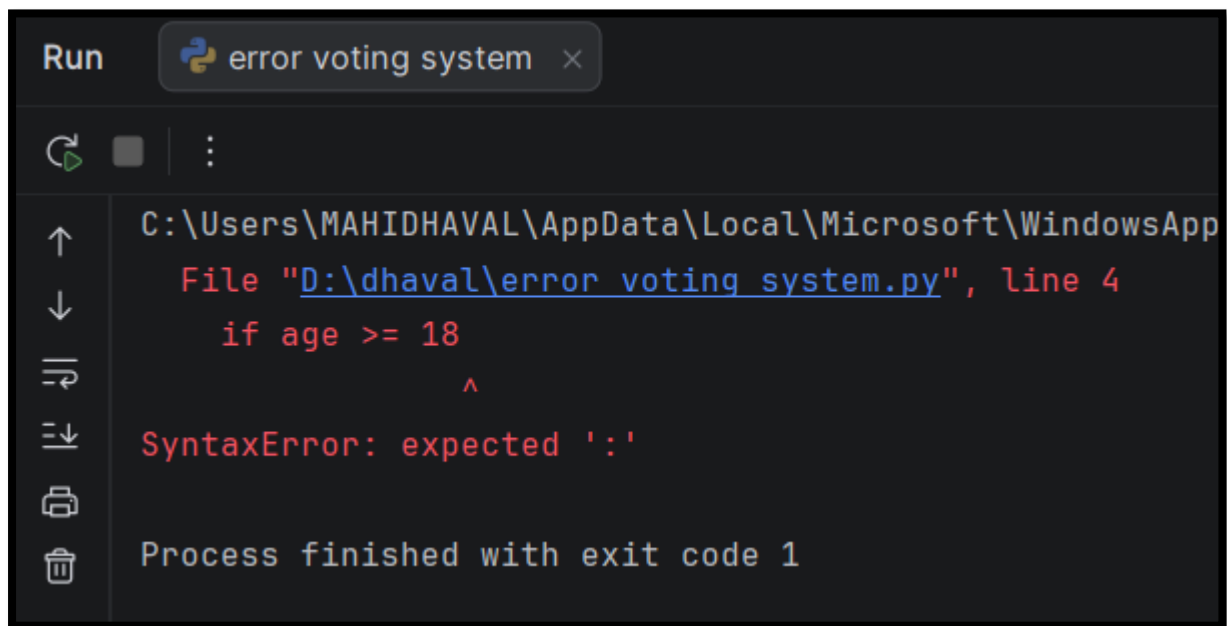
Output of error code:


```
C:\Users\MAHIDHAVAL\AppData\Local\Microsoft\WindowsApp
    File "D:\dhaval\error voting system.py", line 4
    if age >= 18
                  ^
SyntaxError: expected ':'


Process finished with exit code 1
```

List of Error:

1. Syntax Error – All code written in one line

Python does not allow multiple statements in one line without proper separation.
Error:

SyntaxError: invalid syntax

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2. Missing Proper Indentation

if and else statements must have proper indentation.

Example of wrong:

if age >= 18: print("Eligible")
else: print("Not Eligible")

This may cause readability issues and sometimes syntax problems.

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3. Invalid Input Error (Runtime Error)

If the user enters text instead of number for age:

age = int(input("Enter age: "))

It will give:

ValueError: invalid literal for int()

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4. Logical Issue (Optional)

for i in range(2):
 print("Done")

This prints "Done" two times.
It may be unnecessary.

Correct code:

print("Voting System")

name = input("Enter name: ")

age =int(input("Enter age: "))

if age >= 18:

  print("Eligible")

else:
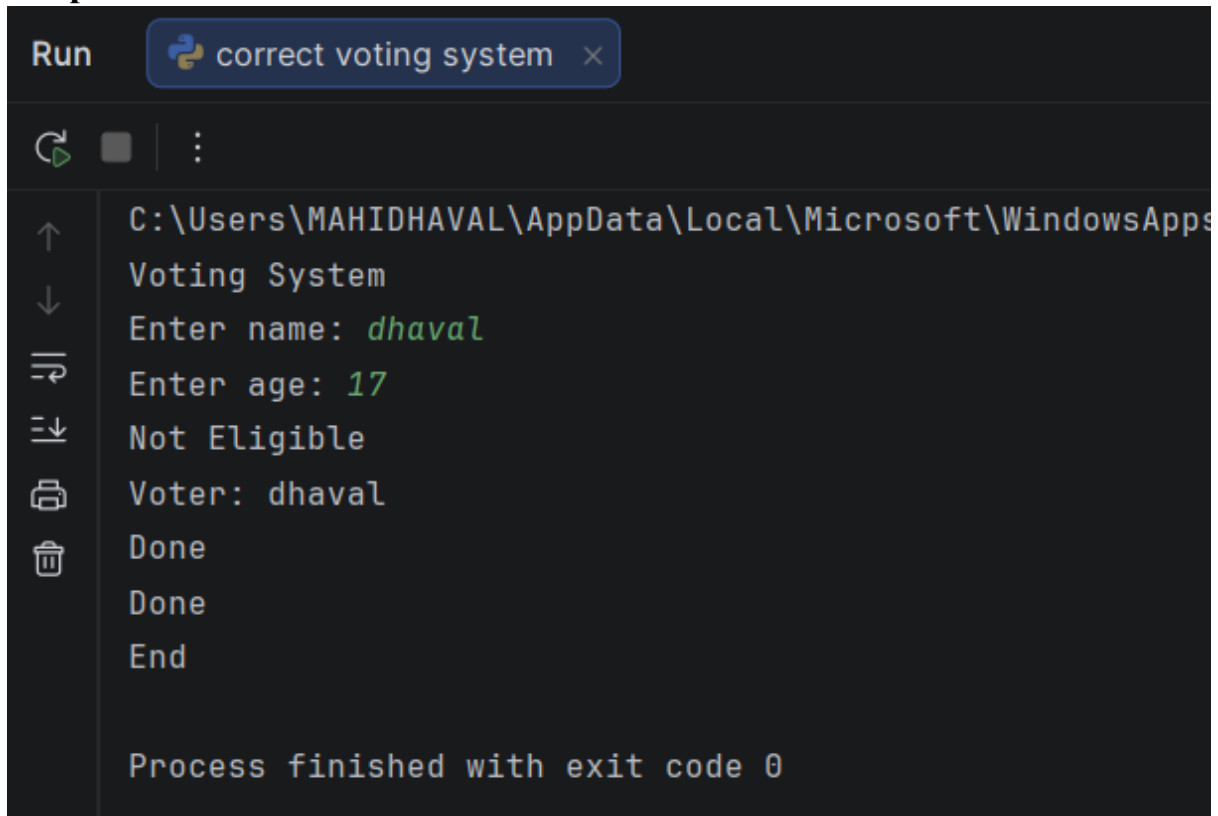
  print("Not Eligible")

  print("Voter:", name)

for i in range(2):

  print("Done")

print("End")

Output of correct code:

```
Run          correct voting system   ×

      C:\Users\MAHIDHAVAL\AppData\Local\Microsoft\WindowsApps
      Voting System
      Enter name: dhaval
      Enter age: 17
      Not Eligible
      Voter: dhaval
      Done
      Done
      End

      Process finished with exit code 0
```