Time Converter

Aim: To write a Python program that converts a given number of seconds into hours, minutes, and seconds, determines whether the time is more than one day, exactly one day, or less than one day, and displays the total number of minutes.

Error code:

```
print("Time Converter")

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

hours = seconds // 3600

minutes = (seconds % 3600) // 60

remaining = seconds % 60

print("Hours:", hours)

print("Minutes:", minutes)

print("Seconds:", remaining

if hours > 24:

print("More than a day")

elif hours = 24:

print("Exactly one day")

else:

print("Less than a day")

total_minutes = hours * 60 + minutes

print("Total minutes:", total_minutes)
```
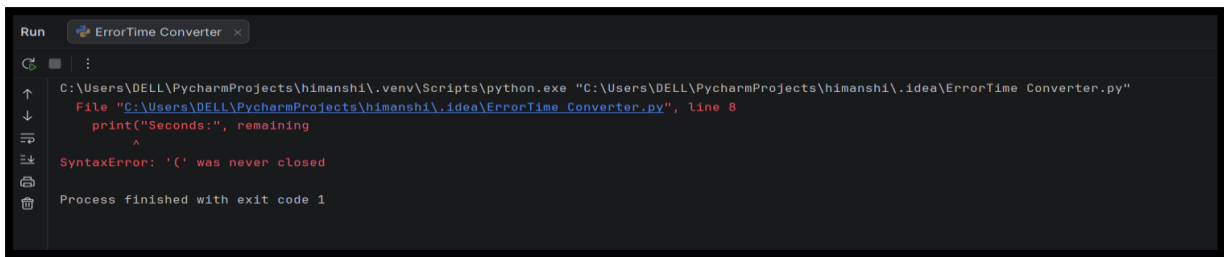
Output of Error code:

List of Error:

1. Missing closing parenthesis:

Wrong:

print("Seconds:", remaining

You forgot the) at the end.

Correct:

print("Seconds:", remaining)

2. Wrong comparison operator:

Wrong:

elif hours = 24:

= is **assignment**, but for comparison you must use ==.

Correct:

elif hours == 24:

3. Indentation errors:

The print() lines inside your if block must be indented correctly:

Wrong:

if hours > 24:
print("More than a day")

Correct:

```
if hours > 24:
    print("More than a day")
```

Same for elif and else.

4. Program will crash without fixes

Because of the above syntax errors, Python cannot run your code.

Correct code:

```
print("Time Converter")

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

hours = seconds // 3600

minutes = (seconds % 3600) // 60

remaining = seconds % 60

print("Hours:", hours)

print("Minutes:", minutes)

print("Seconds:", remaining)

if hours > 24:

    print("More than a day")

elif hours == 24:

    print("Exactly one day")

else:

    print("Less than a day")

total_minutes = hours * 60 + minutes

print("Total minutes:", total_minutes)
```

Output of Correct code:

```
Run      CorrectedTime Converter  ×

C:\Users\DELL\PycharmProjects\himanshi\.venv\Scripts\python.exe "C:\Users\DELL\PycharmProjects\himanshi\.idea\CorrectedTime Converter.py"
Time Converter
Enter seconds: 30
Hours: 0
Minutes: 0
Seconds: 30
Less than a day
Total minutes: 0

Process finished with exit code 0
```