

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:

A screenshot of a PyCharm interface titled "Run" showing the output of a script named "ErrorTime Converter". The terminal window displays the following text:
C:\Users\DELL\PycharmProjects\himanshi\.venv\Scripts\python.exe "C:\Users\DELL\PycharmProjects\himanshi\.idea\ErrorTime_Converter.py"
File "C:\Users\DELL\PycharmProjects\himanshi\.idea\ErrorTime_Converter.py", line 8
 print("Seconds:", remaining
 ^
SyntaxError: '(' was never closed

Process finished with exit code 1

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")
```

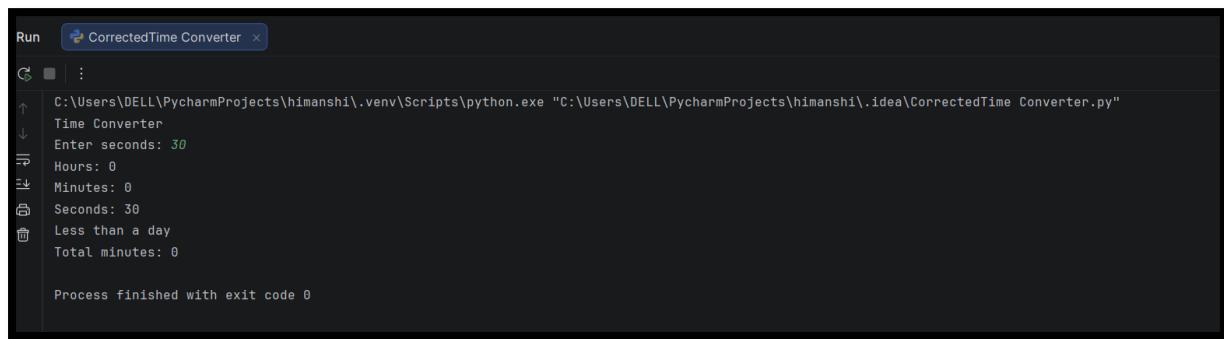
Same for elif and else.

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:

The screenshot shows the PyCharm IDE's Run tab with the title "Run" and the project name "CorrectedTime Converter". The output window displays the following text:

```
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
```