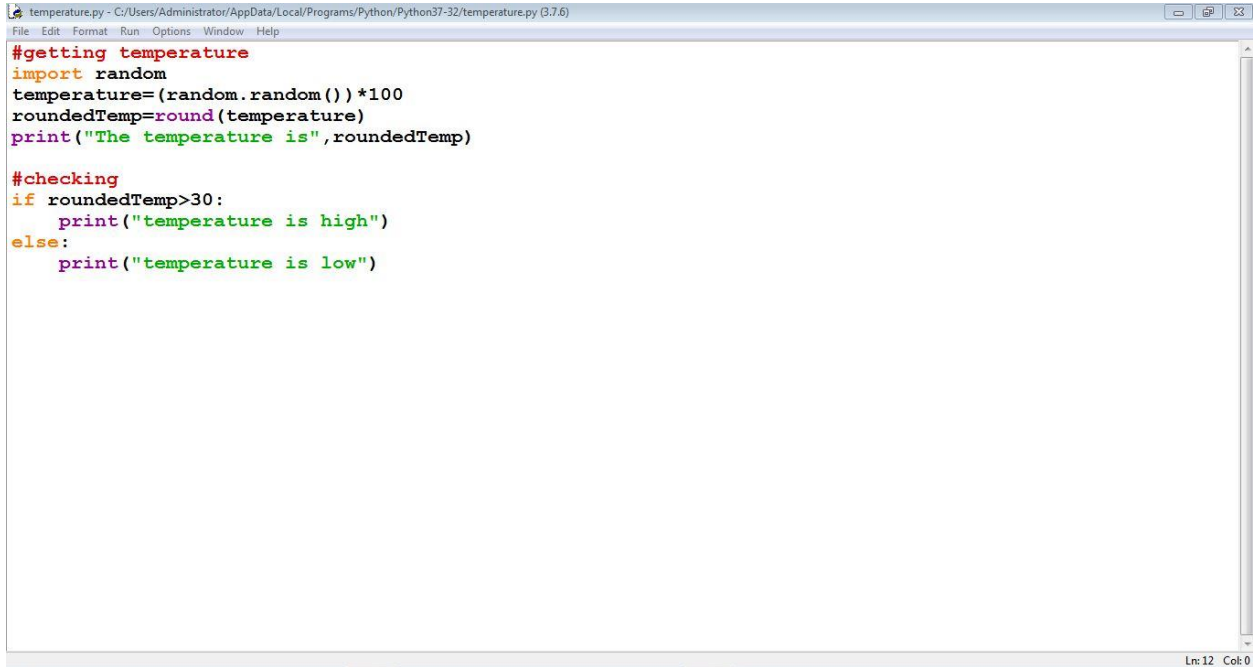


Temperature sensing

Program:

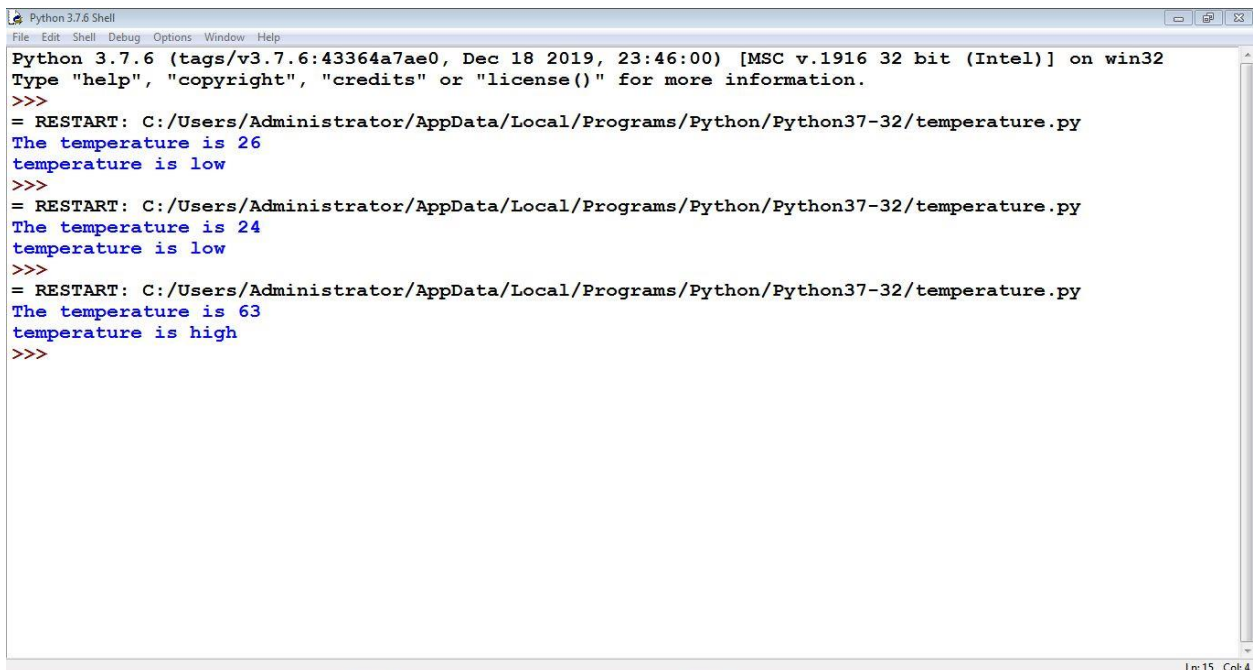
A screenshot of a Python IDE window titled 'temperature.py - C:/Users/Administrator/AppData/Local/Programs/Python/Python37-32/temperature.py (3.7.6)'. The window contains the following Python code:

```
#getting temperature
import random
temperature=(random.random()*100)
roundedTemp=round(temperature)
print("The temperature is",roundedTemp)

#checking
if roundedTemp>30:
    print("temperature is high")
else:
    print("temperature is low")
```

The status bar at the bottom right indicates 'Ln: 12 Col: 0'.

Output:

A screenshot of a 'Python 3.7.6 Shell' window. It shows the execution of the temperature.py script three times, each preceded by a 'RESTART' message. The output shows random temperature values and whether they are high or low.

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 18 2019, 23:46:00) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Administrator/AppData/Local/Programs/Python/Python37-32/temperature.py
The temperature is 26
temperature is low
>>>
= RESTART: C:/Users/Administrator/AppData/Local/Programs/Python/Python37-32/temperature.py
The temperature is 24
temperature is low
>>>
= RESTART: C:/Users/Administrator/AppData/Local/Programs/Python/Python37-32/temperature.py
The temperature is 63
temperature is high
>>>
```

The status bar at the bottom right indicates 'Ln: 15 Col: 4'.