**Assignment -2**

Python Programming

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| Assignment Date | 29 September 2022 |
| Student Name | Ms. A.Vithya Bharathi |
| Student Roll Number | 960219104116 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build a python code .Assume you get temperature and humidity values( generated with random function to a variable ) and write a condition to continuously detect alarm in case of high temperature.

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| **Solution:** |

**PROGRAM CODE:**

import random

temperature=random.randint(1,100)

humidity=random.randint(1,50)

print(temperature)

print(humidity)

if((temperature<45)&(humidity45)&(humidity35)):

print("Temperature is low")

print("Humidity is high")

elif((temperature>45)&(humidity>35)):

print("Temperature is high")

print("Humidity is high")

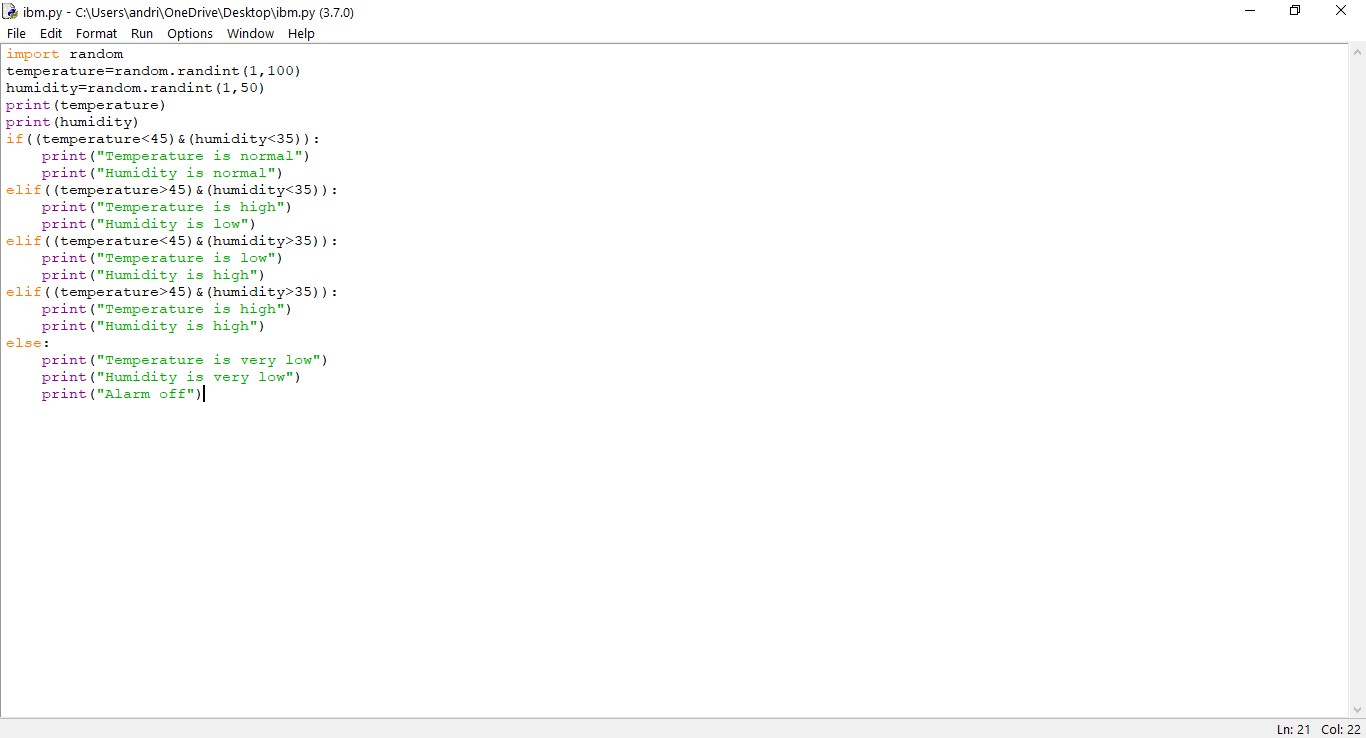
else:

print("Temperature is very low")

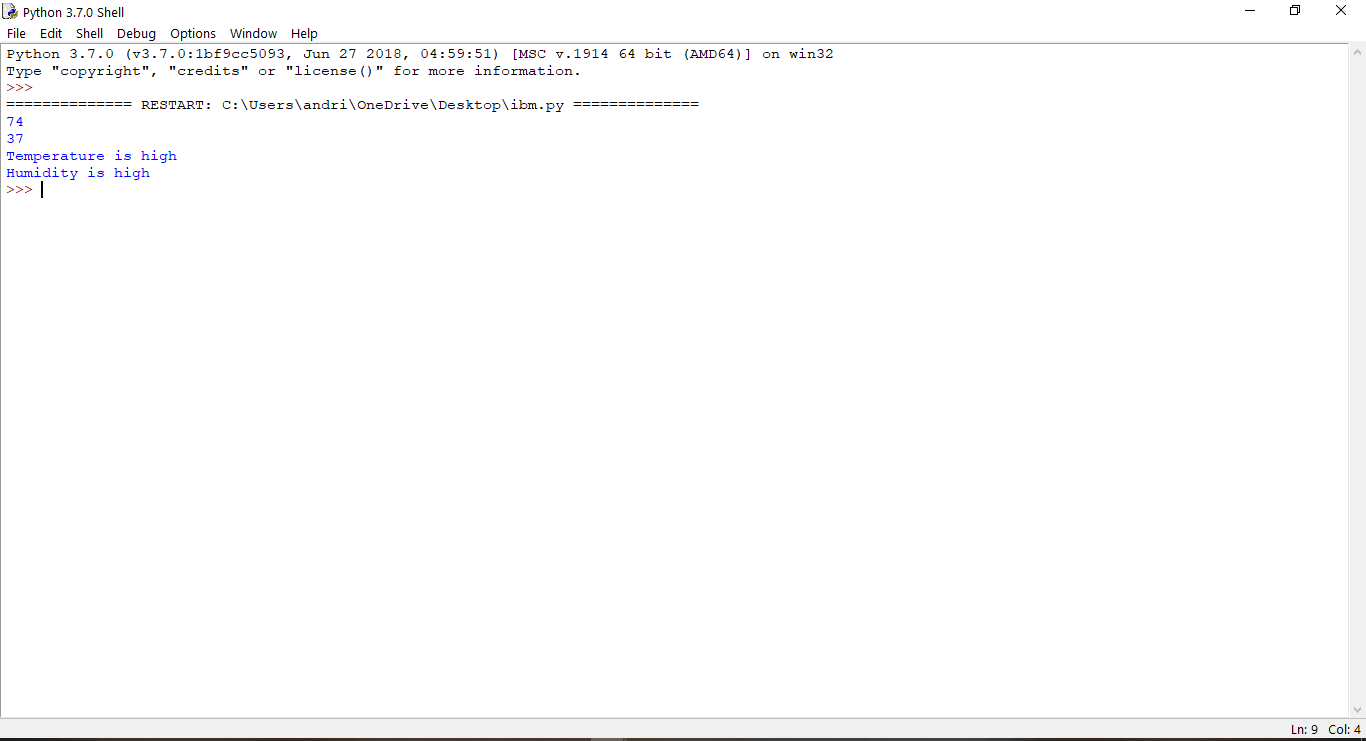
print("Humidity is very low")

print("Alarm off")

**PROGRAM:**

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**OUTPUT:**

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