ASSIGNMENT -2

Date	02 October 2022
Team ID	PNT2022TMID01185
Name	SMARTFARMER - IoT enabled smart farming applications

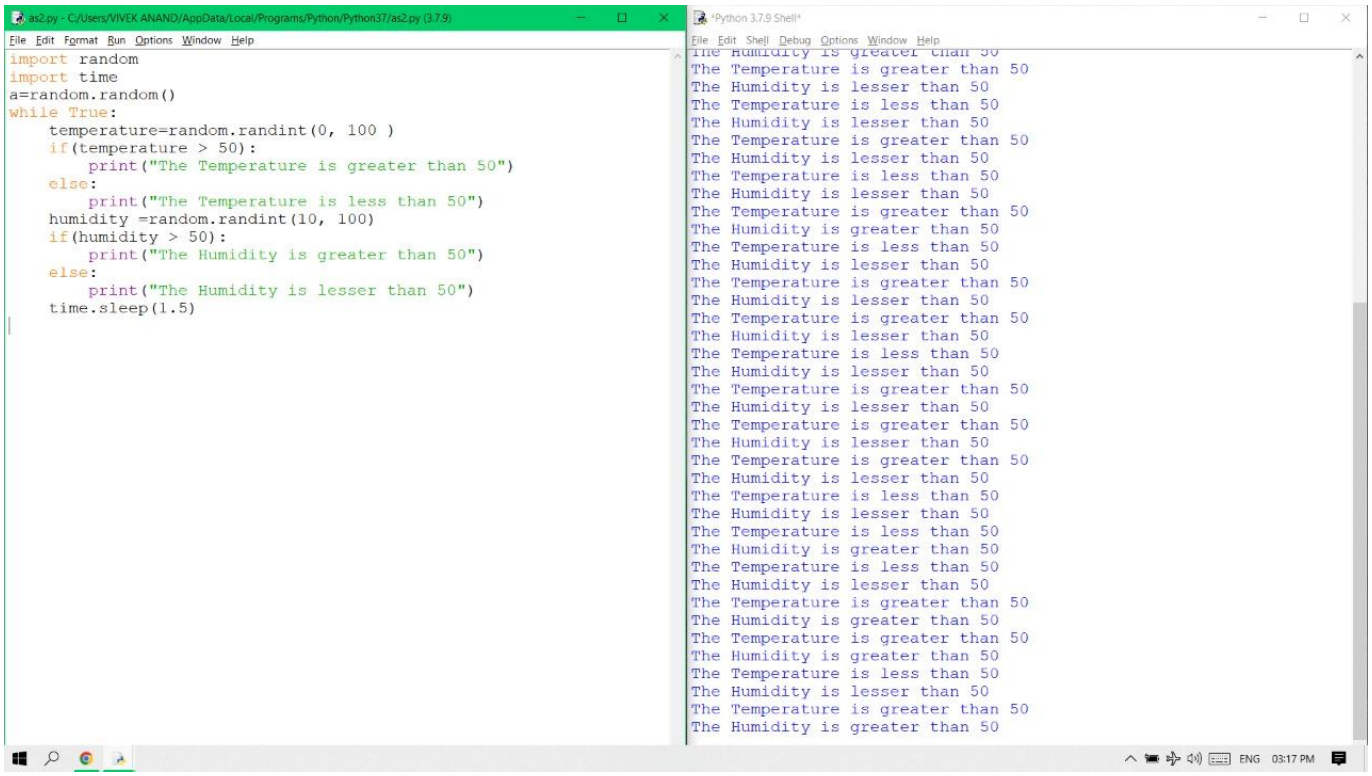
QUESTION:

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

CODE :

```
import random
import time
a=random.random()
while True:
    temperature=random.randint(0, 100 )
    if(temperature > 50):
        print("The Temperature is greater than 50")
    else:
        print("The Temperature is less than 50")
    humidity =random.randint(10, 100)
    if(humidity > 50):
        print("The Humidity is greater than 50")
    else:
        print("The Humidity is lesser than 50")
    time.sleep(1.5)
```

OUTPUT :



as2.py - C:/Users/VIVEK ANAND/AppData/Local/Programs/Python/Python37/as2.py (3.7.9)

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import time
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    else:
        print("The Humidity is lesser than 50")
    time.sleep(1.5)
```

Python 3.7.9 Shell

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```
The Humidity is greater than 50
The Temperature is greater than 50
The Humidity is lesser than 50
The Temperature is less than 50
The Humidity is lesser than 50
The Temperature is greater than 50
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The Temperature is less than 50
The Humidity is lesser than 50
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The Humidity is lesser than 50
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```

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