Assignment 2

Build a python code assume u get a temperature and humidity values and write a condition to continuously detect alarm in case of high temperature

Program:

```python
#from machine import Pin

import random

from time import sleep

#btn=Pin(4,Pin.IN)

while True:

    temp = random.randint(1,100)

    print("current temp=", temp)

    humid = random.randint(1,100)

    print("current humid=", humid)

    if(temp>= 50 and humid<35):

        print("Alarm On")

    else:

        print("Alarm Off")

    sleep(2)
```
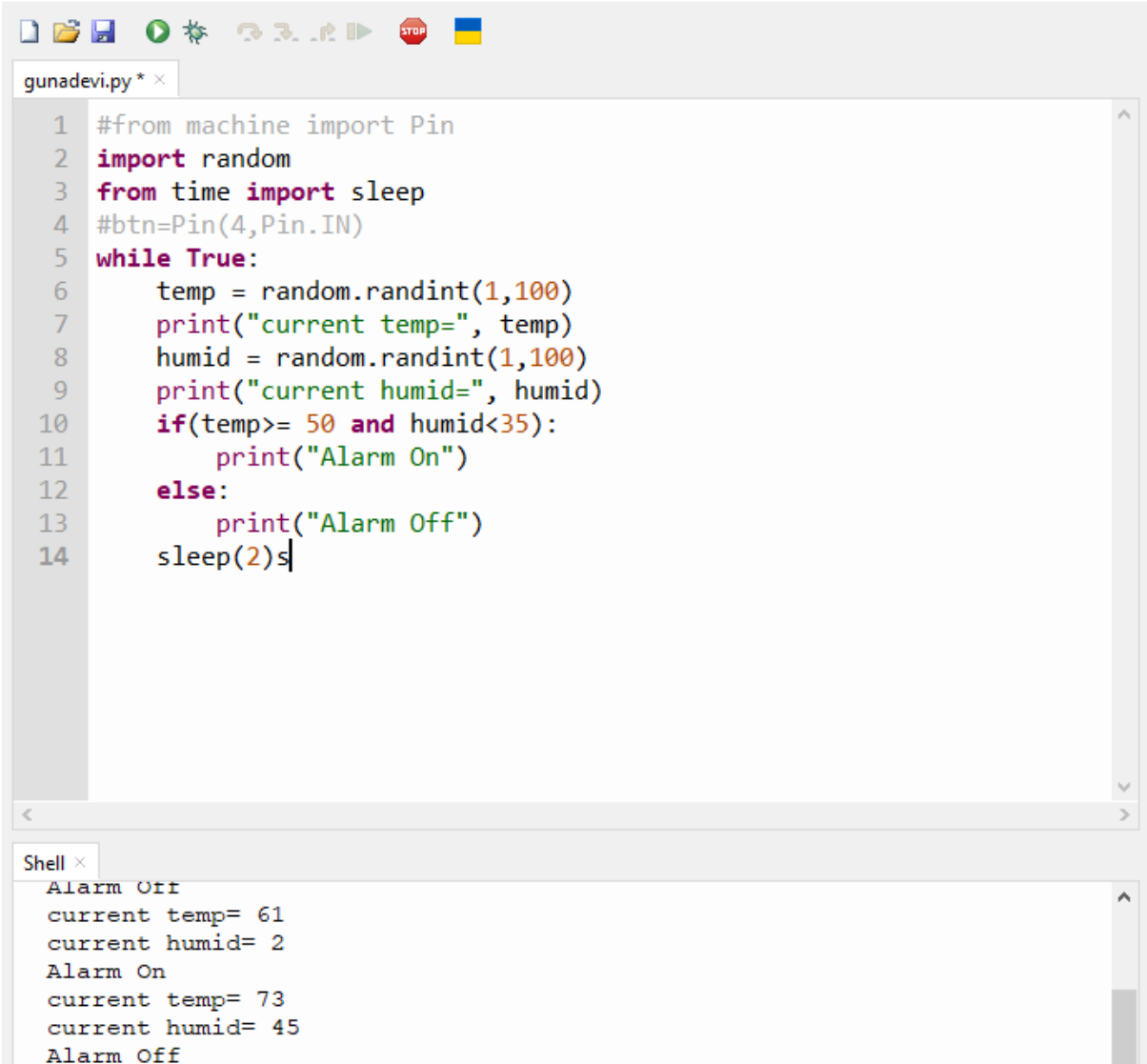
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#from machine import Pin
import random
from time import sleep
#btn=Pin(4,Pin.IN)
while True:
    temp = random.randint(1,100)
    print("current temp=", temp)
    humid = random.randint(1,100)
    print("current humid=", humid)
    if(temp>= 50 and humid<35):
        print("Alarm On")
    else:
        print("Alarm Off")
    sleep(2)s
```

Shell ×

```
Alarm Off
current temp= 61
current humid= 2
Alarm On
current temp= 73
current humid= 45
Alarm Off
```