DMI ENGINEERING COLLEGE

ARALVOIMOZHI

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SARAL N

ANNS A

BULID A PYTHON CODE ,ASSUME U GET TEMPERATURE AND HUMIDITY VALUES AND WRITE A CONDITION TO CONTINOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE

PROGRAM:

```
#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)
```

OUTPUT :