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Project Name	Hazardous Area Monitoring for Industrial Plant
	powered by IoT

ASSIGNMENT-2

QUESTION

Build a python code, Assume u 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.

CODE:

```
import random
from time import sleep
while True:
  sleep(5)
  temperature = random.randrange(0, 200, 3)
  print("\nCurrent Temperature =",temperature,end="°C\n")
  humidity = random.randrange(0, 100, 6)
  print("Current Humidity =",humidity,end="%\n\n")
  if temperature >=38:
    print("Temperature >> High - Alarm ON")
  if humidity >= 75:
    print("Humidity >> High - Alarm ON")
  if temperature <=38:
    print("Temperature >> Low - Alarm OFF")
  if humidity <= 75:
    print("Humidity >> Low - Alarm OFF")
```

OUTPUT

