IBM ASSIGNMENT-2

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

CODE:

```
#include "Wire.h"

#include "Adafruit_BMP085.h"

 Adafruit_BMP085 bmp;

 void setup() {

 Serial.begin(9600);

 bmp.begin();

}

 void loop() {

  Serial.print("Temperature = ");

  Serial.print(bmp.readTemperature());

  Serial.println(" *C");

  Serial.print("Pressure = ");

  Serial.print(bmp.readPressure());

  Serial.println(" Pa");

  Serial.println();

  delay(500);

}
```

OUTPUT:

```
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Temperature = 26.70 *C
Pressure = 101603 Pa

Temperature = 27.40 *C
Pressure = 102279 Pa

Temperature = 28.20 *C
Pressure = 102611 Pa

Temperature = 28.80 *C
Pressure = 102813 Pa

Temperature = 29.10 *C
Pressure = 102965 Pa

Temperature = 29.40 *C
Pressure = 103071 Pa

Temperature = 29.60 *C
Pressure = 103146 Pa

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```