IOT ASSIGNMEN-2T

TOPIC: Assignment on temperature and humidity sensing and alarm automation using python

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CODE:

```
import time
i=0
while (i<=10):
    i=i+1
    time.sleep(1)
    import random
    temperature=random.randint(0,60)
    humidity=random.randint(1,100)
    if temperature<=20:
        print(temperature, "temperature is low")
    elif temperature<=30:
        print(temperature, "temperature is normal")
    else :
        print(temperature, "alarm:The temperature is high")
    if humidity<=30:
        print(humidity, "humidity is low ")
    elif humidity<=60:
```

```
        print(humidity, "humidity is normal")
    else :
        print(humidity, "humidity is high")
```

Output: