

Assignment2.py - C:/Users/HP/AppData/Local/Programs/Python/Python37/Assignment2.py (3.7.0)

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```
import random
i=5
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>25 and b>65):
        print("HIGH TEMPERATURE AND HUMIDITY OF :",a,b,"%","ALARM IS ON")
    elif(a<25 and b<55):
        print("NORMAL TEMPERATURE AND HUMIDITY OF :",a,b,"%","ALARM IS OFF")
    if(i<55):
        i=i+1
        random
    else:
        break
```

Python 3.7.0 Shell

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Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32

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```
>>> import random
```

```
>>> i=5
```

```
>>>
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```
= RESTART: C:/Users/HP/AppData/Local/Programs/Python/Python37/Assignment2.py
=
```

```
HIGH TEMPERATURE AND HUMIDITY OF : 59 84 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 84 85 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 76 86 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 46 83 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 30 84 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 93 89 % ALARM IS ON
NORMAL TEMPERATURE AND HUMIDITY OF : 23 38 % ALARM IS OFF
HIGH TEMPERATURE AND HUMIDITY OF : 36 96 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 39 92 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 48 96 % ALARM IS ON
NORMAL TEMPERATURE AND HUMIDITY OF : 19 41 % ALARM IS OFF
HIGH TEMPERATURE AND HUMIDITY OF : 79 84 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 58 100 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF : 73 84 % ALARM IS ON
NORMAL TEMPERATURE AND HUMIDITY OF : 20 24 % ALARM IS OFF
NORMAL TEMPERATURE AND HUMIDITY OF : 17 35 % ALARM IS OFF
NORMAL TEMPERATURE AND HUMIDITY OF : 17 41 % ALARM IS OFF
HIGH TEMPERATURE AND HUMIDITY OF : 81 83 % ALARM IS ON
```

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>>> |
```

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