IBM ASSIGNMENT 2

CODE:

```
import random
import time
while(1):
  temperature = round(random.randint(0,80))
  humidity = round(random.randint(0,80))
  if temperature <15:
    print("The Temperature is very low and Current Temperture = ",temperature,"% C")
  elif temperature >= 15 & temperature <= 30:
    print("The Temperature is normal and Current Temperature = ",temperature,"% C")
  else:
    print("Temperature is too High and Current Temperture = ",temperature,"% C")
  if humidity < 30:
    print(" The Humidity is very low and Current Humidity = ",humidity,"% C")
  elif humidity >= 15 & humidity <= 30:
    print("The Humidity is normal and Current Humidity = ",humidity,"% C")
  else:
    print("The Humidity is too High and Current Humidity = ",humidity,"% C")
  print()
  print()
  time.sleep(5)
```

```
the ids Search Source Num Debug Consolar Protects Tools View (Mer. 1940)

C. View (March March M
```

OUTPUT:

```
Commercial Commercial Converting and Correct Temperture = 28 % C
The Humidity is normal and Correct Namidity = 74 % C

The Temperature is very low and Current Temperture = 8 % C
The Humidity is normal and Current Humidity = 33 % C

The Temperature is very low and Current Temperture = 18 % C
The Humidity is normal and Current Humidity = 74 % C

The Temperature is normal and Current Humidity = 74 % C

The Temperature is normal and Current Humidity = 67 % C

The Humidity is normal and Current Humidity = 44 % C

The Temperature is normal and Current Humidity = 44 % C

The Temperature is normal and Current Temperture = 58 % C

The Humidity is normal and Current Humidity = 44 % C

The Temperature is normal and Current Temperture = 58 % C

The Temperature is normal and Current Temperture = 58 % C

The Temperature is normal and Current Temperture = 58 % C

The Temperature is normal and Current Temperture = 58 % C

The Temperature is normal and Current Temperture = 58 % C

The Temperature is normal and Current Temperture = 58 % C

The Temperature is normal and Current Temperture = 58 % C
```