Assignment 2

Date	29-sep-2022
Name	Arunpandiyan. M
Register number	911719104009

CODE:

```
import random
temperature=random.randint(1,100)
humidity=random.randint(1,100)
print(temperature)
print(humidity)
if((temperature<50) & (humidity<40)):
 print("temperature is normal")
 print("humdity is normal")
 print("alarm off")
elif((temperature<50)&(humidity >40)):
 print("temperature is low")
 print("humdity is high")
 print("alarm off")
elif((temperature>60)&(humidity <40)):
 print("temperature is high")
 print("humdity is high")
 print("alarm on")
elif((temperature>60)&(humidity >40)):
 print("temperature is high")
 print("humdity is low")
 print("alarm on")
else:
 print("temperature is very low")
 print("humidity is low")
 print("alarm off")
```

OUTPUT: