**PYTHON CODE**

import random

temp\_value=random.randint(1,100)

humidity\_value=random.randint(1,50)

print(temp\_value)

print(humidity\_value)

if((temp\_value<45)&(humidity\_value<35)):

print("temperature is normal")

print("humidity is normal")

elif((temp\_value>45)&(humidity\_value<35)):

print("temperature is high")

print("humidity is low")

elif((temp\_value<45)&(humidity\_value>35)):

print("temperature is low")

print("humidity is high")

elif((temp\_value>45)&(humidity\_value>35)):

print("temperature is high")

print("humidity is high")

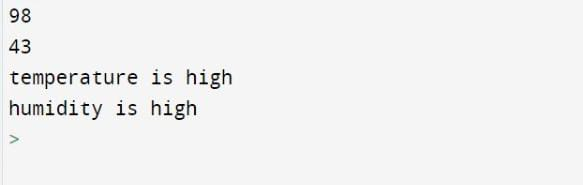
else:

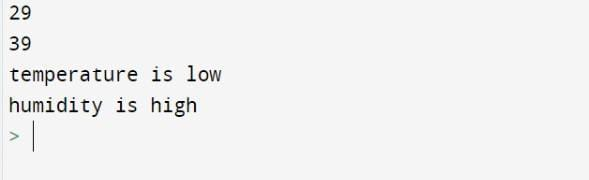
print("temperature is very low")

print("humidity is very low")

print("Alarm off")

**OUTPUT:**

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