**IBM ASSIGNMENT -2**

# **A Weather Alert System in Python**

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**Code:**

import random

def alert(msg):

print(msg)

def read\_humidity():

return random.randint(10, 100)

def read\_temperature():

return random.randint(-100, 100)

def start\_monitoring():

while True:

temperature = read\_temperature()

humidity = read\_humidity()

if temperature >= 40:

alert("Temperature is High")

elif temperature <= 25 and temperature >= 10:

alert("Temperature is Low")

elif temperature <= 10:

alert("Temperature is Very Low")

else:

alert("Normal Temperature")

if humidity > 80:

alert("Humidity is Very High")

elif humidity > 50:

alert("Humidity is High")

elif humidity < 30:

alert("Humidity is Low")

else:

alert("Moderate Humidity")

if \_name\_ == "\_main\_":

start\_monitoring()