**ASSIGNMENT - 2**

PROGRAM:

import random

import time

while True:

temp = random.randint(-500,500)

humid = random,randint(0,100)

if temp > 100 & humid >55:

print("Temperature :",temp,"\nWARNING : Temperature is high !!!!!")

print("Humidity :",humid,"\nWARNING :Humidity is high !!!!!")

print ("\n")

elif temp > 100 & humid < 55:

print("Temperature :",temp,"\nWARNING : Temperature is high !!!!!")

print("Humidity :",humid,"\nNORMAL Humidity")

print ("\n")

elif temp < 100 & humid > 55:

print("Temperature :",temp,"\nNORMAL Temperature")

print("Humidity :",humid,"\nWARNING : Humidity is high !!!!!")

print ("\n")

else:

print("Temperature :",temp,"\nNORMAL Temperature")

print("Humidity :",humid,"\nNORMAL Humidity")

print ("\n")

time.sleep(1)

OUTPUT : Temperature : 290 WARNING : Temperature is high !!!!! Humidity : 33 NORMAL Humidity Temperature : 263 WARNING : Temperature is high !!!!! Humidity : 29 NORMAL Humidity Temperature : -187 NORMAL Temperature Humidity : 27 NORMAL Humidity Temperature : 455 WARNING : Temperature is high !!!!! Humidity : 94 WARNING : Humidity is high !!!!