**Assignment - 2**

**CODE:**

import random

#function to check humidity and temperature

def detect(temperature,humidity):

if(humidity<30):

if(temperature>30):

print("Humidity : ",humidity,"Temperature : ",temperature,"Alarm Turned On")

else:

print("Humidity : ",humidity,"Temperature : ",temperature,"Alarm Turned OFF")

else:

print("Humidity : ",humidity,"Temperature : ",temperature,"Alarm Turned OFF")

#for generating random humidity and temperature values

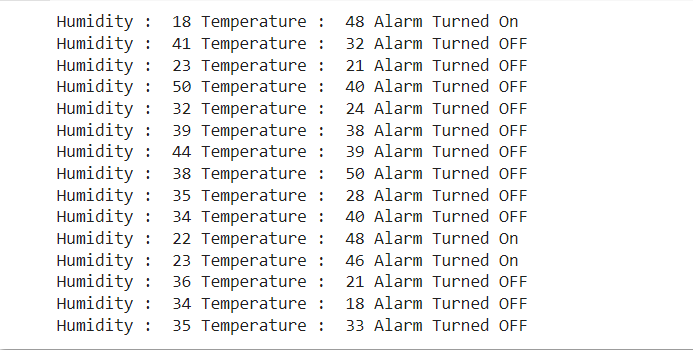
for i in range(0,15):

temperature = random.randint(15,50)

humidity = random.randint(15,50)

detect(temperature,humidity)

**OUTPUT:**

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