**VELAMMAL ENGINEERING COLLEGE**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**SMART FARMERS - IOT**

**ENABLED FARMING**

**APPLICATION**

**ASSIGNMENT – 2**

**BY:**

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**Question:**

Build a python code, assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

**CODE:**

# importing randint function

# from random module

from random import randint

# Function which generates a new

# random number everytime it executes

def generator\_temp():

return randint(1,100)

def generator\_humidity():

return randint(1,100)

random\_temperature=generator\_temp()

print("TEMPERATURE:",random\_temperature)

random\_humidity=generator\_humidity()

print("HUMIDITY:",random\_humidity)

if random\_temperature not in range(20,28,1):

print("CAUTION!HIGH TEMPERATURE!!!")

if random\_humidity not in range(68,71,1):

print("CAUTION!HUMIDITY IS HIGH!!")

**OUTPUT:**

