CAPE INSTITUTE OF TECHNOLOGY

LEVINJIPURAM

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ASSIGNMENT-2

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BULID A PYTHON CODE ,ASSUME U GET TEMPERATURE AND HUMIDITY VALUES AND WRITE A CONDITION TO CONTINOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE

PROGRAM:

#from machine import Pin import random from time import sleep #btn=Pin(4,Pin.IN) while True:

temp = random.randint(1,100) print("current temp=",temp) humid = random.randint(1,100) print("current humid=",humid) if(temp>=50 and humid<35):

print("Alarm On") else:

print("Alarm Off") sleep(2)

OUTPUT :

