VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

NAMAKKAL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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ASSIGNMENT-2

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)
```