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| Assignment Date | 01 October 2022 |
| Student Name | Ms.M.Sandhiya |
| Student Roll Number | 2127190801069 |
| Maximum Mark | 2 Marks |

ASSIGNMENT -2

PYTHON PROGRAMMING

Question:

BULID A PYTHON CODE ,ASSUME U GET TEMPERATURE AND HUMIDITY VALUES AND WRITE A

CONDITION TO CONTINOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE

#frommachineimportPin

importrandom

fromtimeimportsleep

#btn=Pin(4,Pin.IN)while

whileTrue:

temp=random.randint(1,100)

print("currenttemp=",temp)

humid=random.randint(1,100)

print("currenthumid=",humid)

if(temp>=50andhumid<35):

print("AlarmOn")

else:

print("AlarmOff")

sleep(2)

OUTPUT:

