# Assignment-2

# Question-1:

Build a python code, Assume you 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.

# Solution:

import random

while(True):

temp=random.randint(10,99)

humid=random.randint(10,99)

print(“current temperature:”,temp)

print(“current humidity:”,humid,”%”)

temp\_ref=37

humid\_ref=35

if temp>temp\_ref and humid<humid\_ref;

print(“Sound alarm”)

else:

print(“Sound off”)

break

**Output:**

Current temperature:86

Current humidity:16%

Sound Alarm

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| **Program:**    **Output:** |
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