**SRI SHANMGUHA COLLEGE OF ENGINEERING AND TECHNOLOGY**

**IBM NALAYA THIRAN**

**ASSIGNMENT-2**

**NAME:Umabharathi.S**

**ASSIGNMENT:** Build a python code, Assume you get a temperature and humidity values(generated with random function to a variable ) and write a condition to detect alarm in case of high temperature.

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("Alarm On")

else:

print("Alarm off")

break

