# Assignment -2

Python Programming

|  |  |
| --- | --- |
| Student Name | B.Sornamalya |
| Student Roll Number | 621319106091 |

# Question-1:

Build a python code, Assume u 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 time from random import randint  file=open("data.txt","a") n=5  for i in range(n):  humidity=randint(0,100)+1 temperature=randint(-  100,100)+1  if humidity>50: print("\n \n Humidity  High")  print(humidity)  file.write("\nHumidity")  file.write(str(humidity)) if temperature>50:  print("Temperature High")  print(temperature)  file.write('\nTemperature') file.write(str(temperature))  time.sleep(1) file.close() |

