# Assignment -2

Python Programming

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| Assignment Date | 26 September 2022 |
| Student Name | Priyadharshini.M |
| Student Roll Number | 621319106071 |
| Maximum Marks | 2 Marks |

# 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.

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| **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>45:  print("\n \n Humidity High")  print(humidity)  file.write("\nHumidity")  file.write(str(humidity))  if temperature>60:  print("Temperature High")  print( temperature)  file.write("\nTemperature")  file.write(str(temperature))  time.sleep(1)  file.close() |

