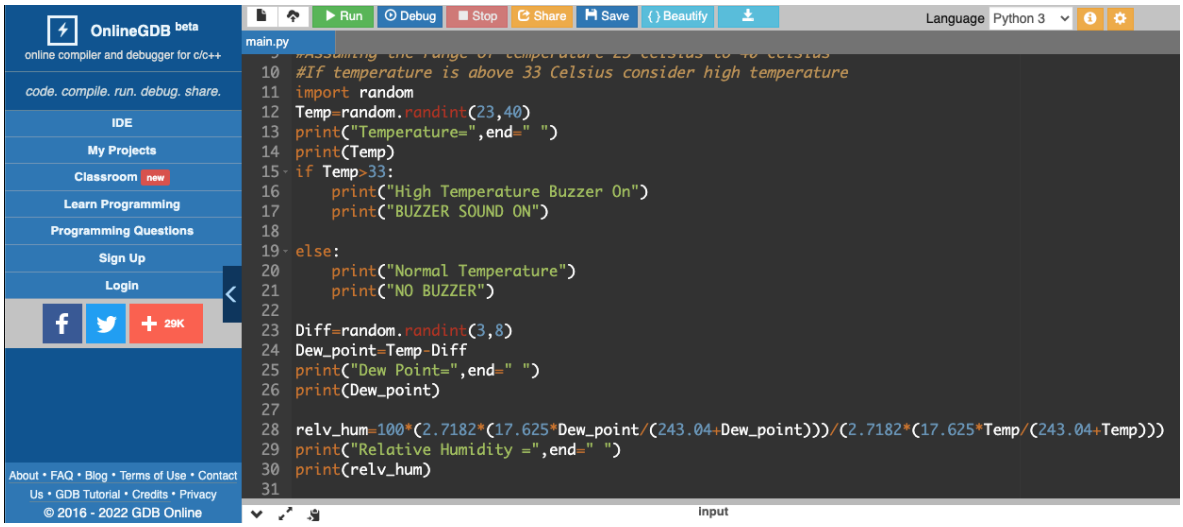
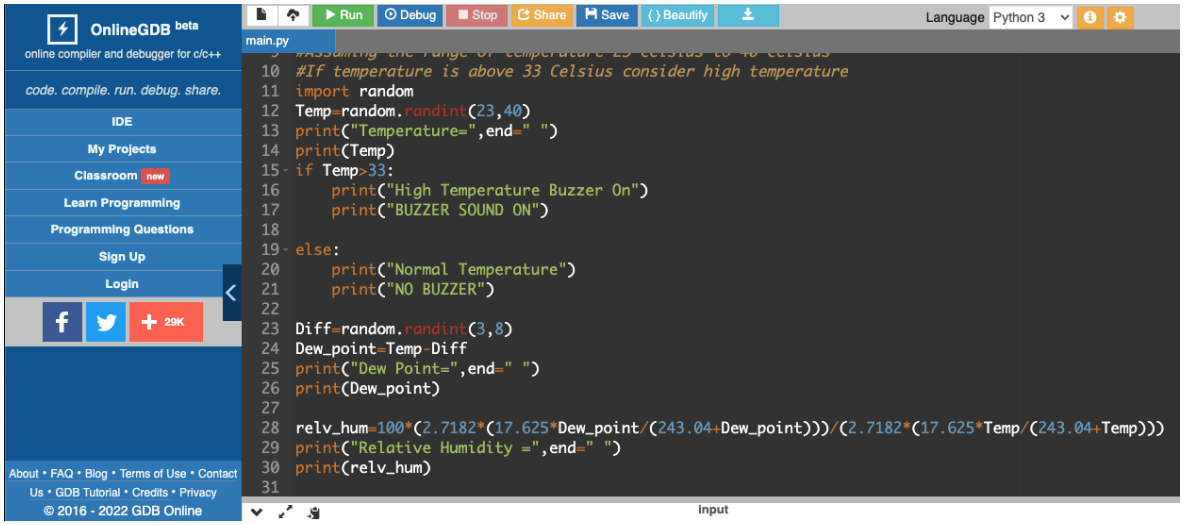
Assignment -2

Assignment Date	27 September 2022
Student Name	S.Priyadarshini
Student Roll Number	111519106123
Maximum Marks	2 Marks

Question-1:
Write a python code to monitor the room temperature and buzzer when the temperature exceeds above 60 degree Celsius .

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Language Python 3
main.py
#If temperature is above 33 Celsius consider high temperature
import random
Temp=random.randint(23,40)
print("Temperature=",end=" ")
print(Temp)
if Temp>33:
print("High Temperature Buzzer On")
print("BUZZER SOUND ON")
else:
print("Normal Temperature")
print("NO BUZZER")
Diff=random.randint(3,8)
Dew_point=Temp-Diff
print("Dew Point=",end=" ")
print(Dew_point)
relv_hum=100*(2.7182*(17.625*Dew_point/(243.04+Dew_point)))/(2.7182*(17.625*Temp/(243.04+Temp)))
print("Relative Humidity =",end=" ")
print(relv_hum)
input