**ASSIGNMENT -2**

**SMART SOLUTIONS FOR RAILWAYS**

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| Assignment Date | 26 September 2022 |
| Student Name | VARSHINI BALA B |
| Student Roll Number | 113219071046 |
| Maximum Marks | 2 Marks |

# 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.

import time

import random

i=0

while(i<=2000):

i=i+1

time.sleep(1)

temp=random.randint(0,30)

humid=random.randint(1,100)

print("Temperature = "+str(temp))

print("Humidity = "+str(humid))

if temp<=15:

print(temp,"Temperature is low")

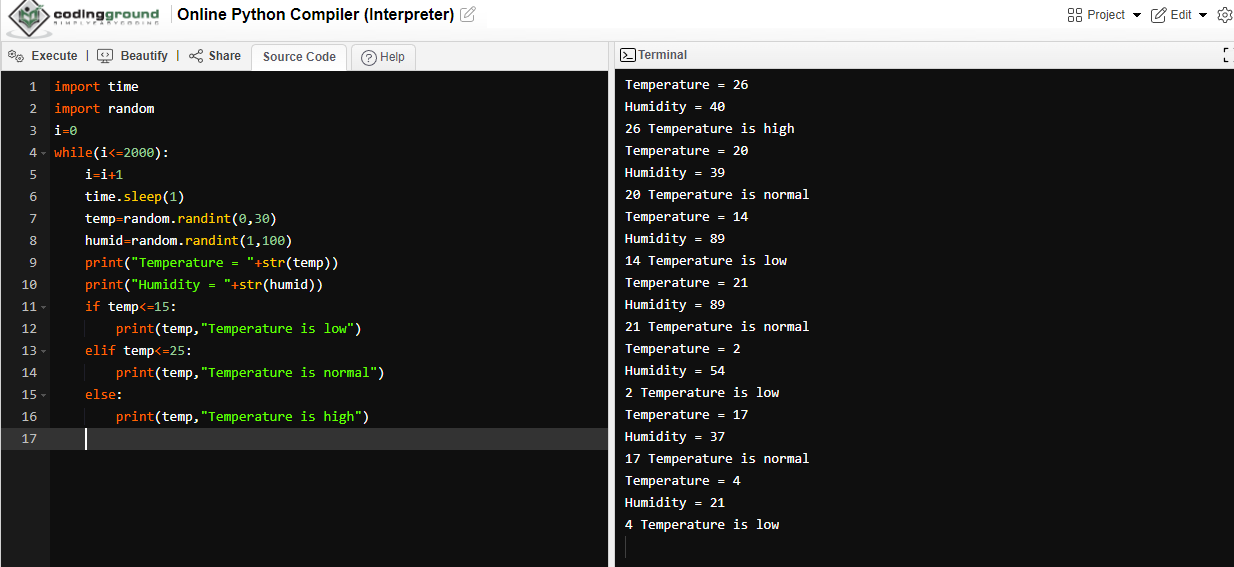
elif temp<=25:

print(temp,"Temperature is normal")

else:

print(temp,"Temperature is high")

**OUTPUT:**

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