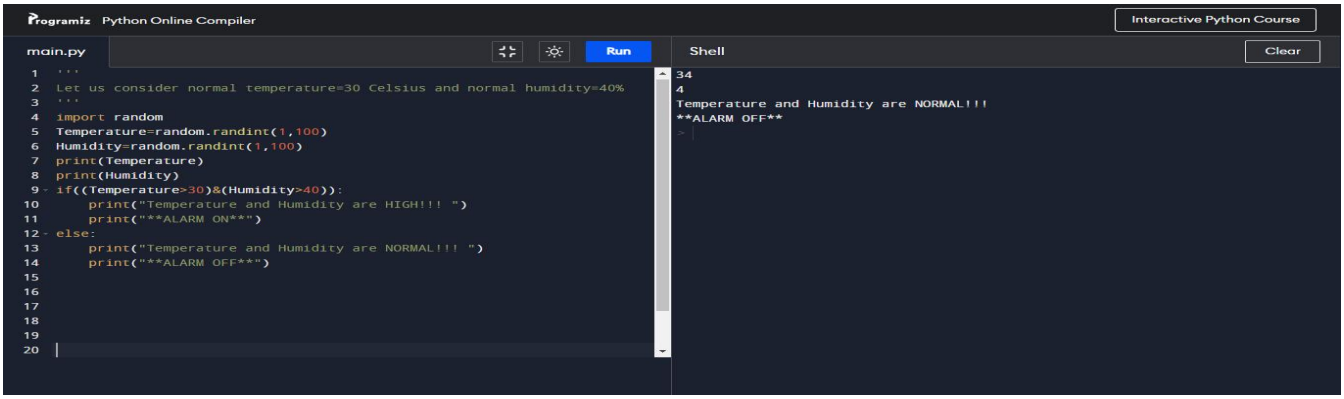
ASSIGNMENT-2

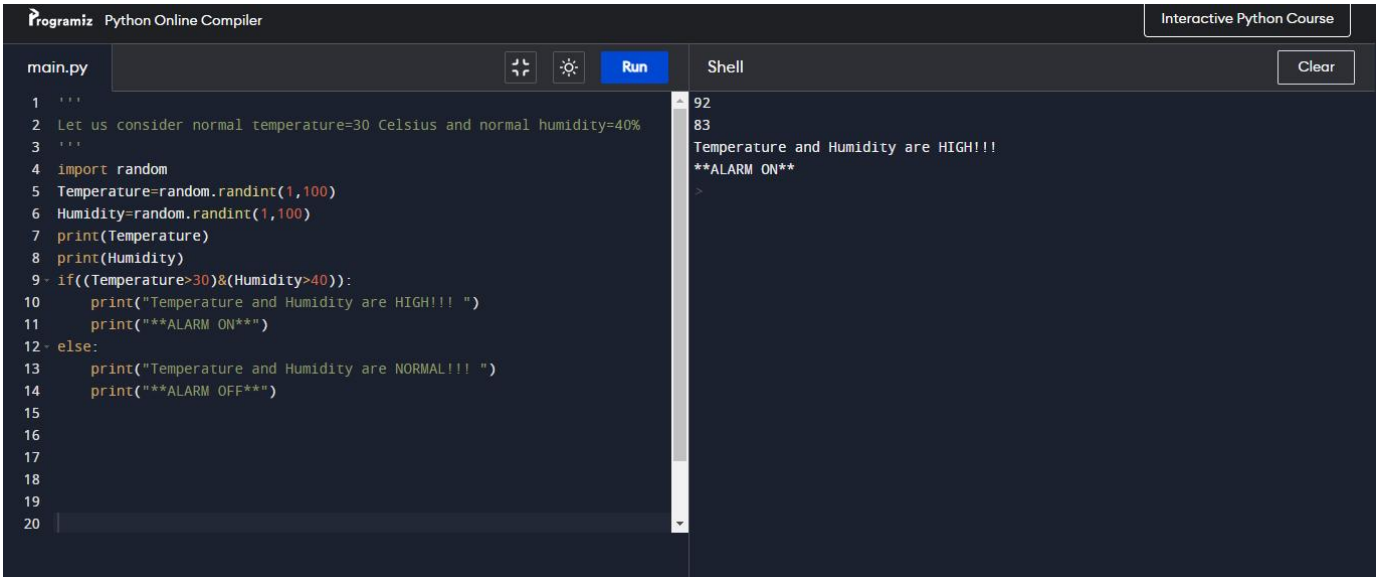
2.Build a python code, Assume you get temperature and humidity values (generated with random functions to a variable) and write a condition to continuously detect alarm in case of high temperature

Code:

```
import random
Temperature=random.randint(1,100)
Humidity=random.randint(1,100)
print(Temperature)
print(Humidity)
if((Temperature>30)&(Humidity>40)):
    print("Temperature and Humidity are HIGH!!! ")
    print("**ALARM ON**")
else:
    print("Temperature and Humidity are NORMAL!!! ")
    print("**ALARM OFF**")
```

OUTPUT:




Programiz Python Online Compiler
Interactive Python Course
main.py
Run
Shell
Clear
'''
Let us consider normal temperature=30 Celsius and normal humidity=40%
'''
import random
Temperature=random.randint(1,100)
Humidity=random.randint(1,100)
print(Temperature)
print(Humidity)
if((Temperature>30)&(Humidity>40)):
print("Temperature and Humidity are HIGH!!! ")
print("**ALARM ON**")
else:
print("Temperature and Humidity are NORMAL!!! ")
print("**ALARM OFF**")
92
83
Temperature and Humidity are HIGH!!!
ALARM ON