ASSIGNMENT 2:

```python
import random
from time import *
flag=True
while(flag):
    temp = random.randint(0,50)
    humi = random.randint(10,50)
    if temp>45 and humi<30:
        print("Ambient Temperature =",temp,"Ambient Humidity =",humi)
        print("--------------------ALARM ON---------------------")
        flag=False
    else:
        print("Ambient Temperature =",temp,"Ambient Humidity",humi)
        sleep(0.5);
```
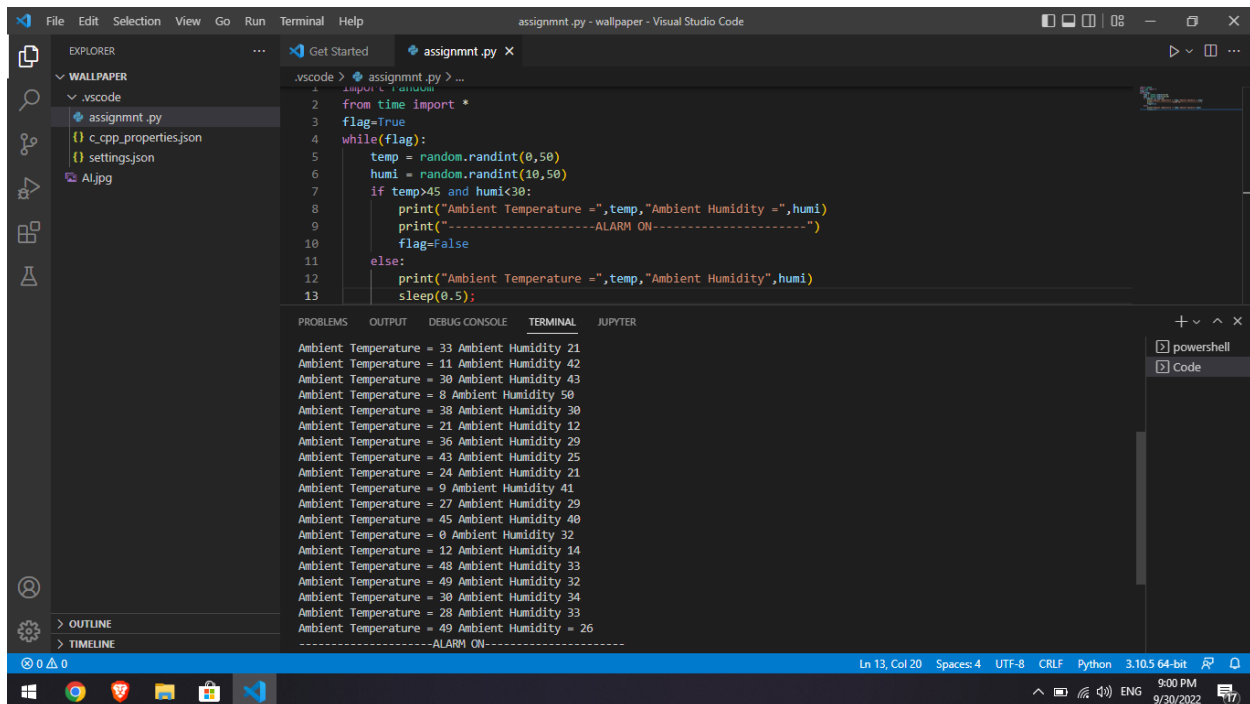
OUTPUT: