Assignment 2
Python program

Assignment date	22 september 2022
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```python
import random #random function

temp=random.randint(1,100)

humty=random.randint(1,100)

print(temp)#temperature value

print(humty)#humidity value

if((temp<30)&(humty<50)):

    print("temperature is normal:")

    print("humidity is normal:")

    print("alarm off")

elif((temp<30)&(humty>50)):

    print("temperature is low")

    print("humidity is high")

    print("alarm off")

elif((temp>30)&(humty<50)):

    print("temperature is high:")

    print("humidity is normal")

    print("alarm on")

elif((temp>30)&(humty<60)):

    print("temperature is high")

    print("humidity is normal:")

    print("alarm is on")

elif((temp>30)&(humty>60)):

    print("temperature is high")

    print("humidity is high")

    print("alarm on")
```
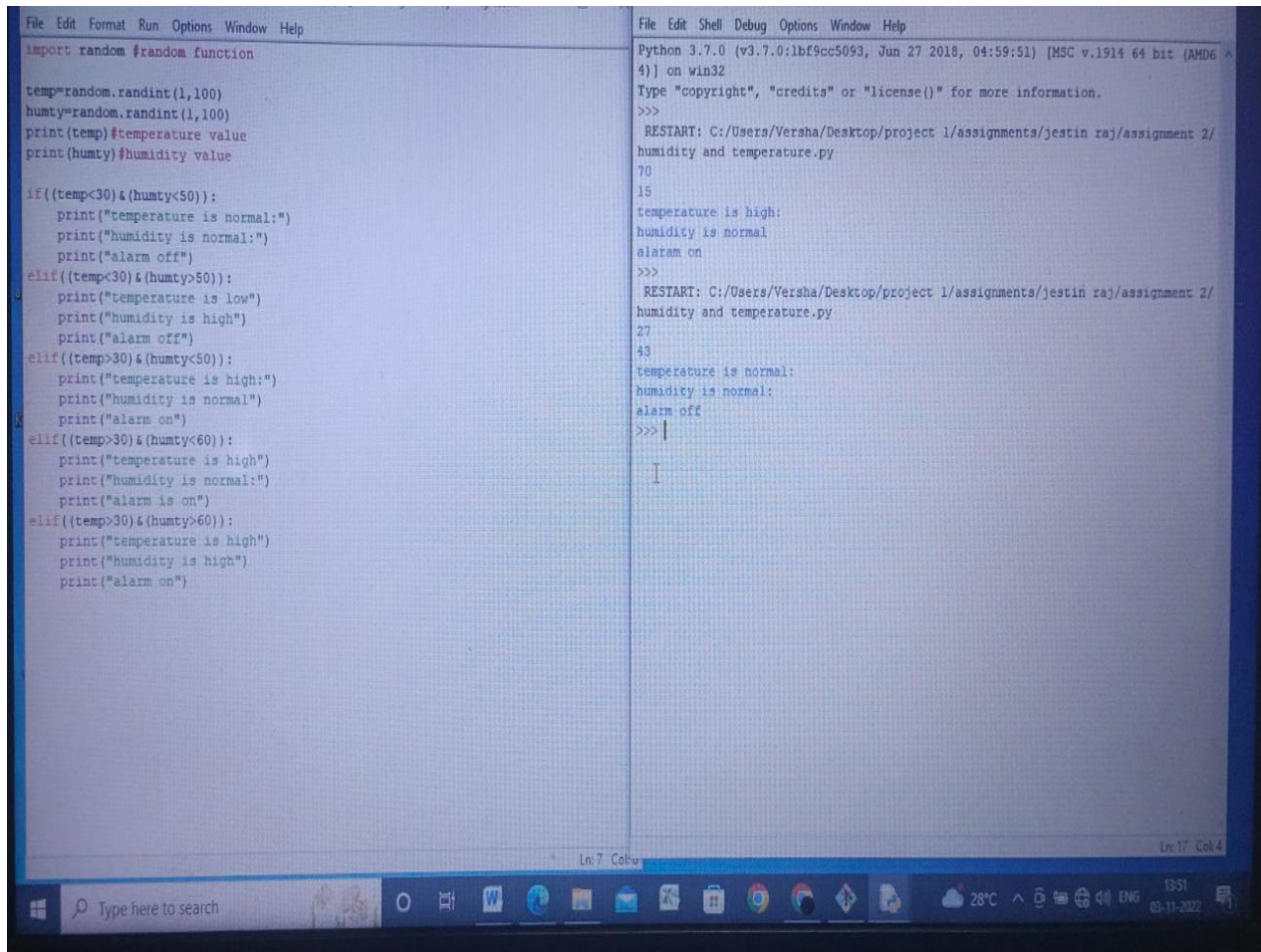
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humty=random.randint(1,100)
print(temp)#temperature value
print(humty)#humidity value

if((temp<30)&(humty<50)):
    print("temperature is normal:")
    print("humidity is normal:")
    print("alarm off")
elif((temp<30)&(humty>50)):
    print("temperature is low")
    print("humidity is high")
    print("alarm off")
elif((temp>30)&(humty<50)):
    print("temperature is high:")
    print("humidity is normal")
    print("alarm on")
elif((temp>30)&(humty<60)):
    print("temperature is high")
    print("humidity is normal:")
    print("alarm is on")
elif((temp>30)&(humty>60)):
    print("temperature is high")
    print("humidity is high")
    print("alarm on")
```

Ln: 7 Col:

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6
4)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
 RESTART: C:/Users/Versha/Desktop/project 1/assignments/jestin raj/assignment 2/
humidity and temperature.py
70
15
temperature is high:
humidity is normal
alaram on
>>>
 RESTART: C:/Users/Versha/Desktop/project 1/assignments/jestin raj/assignment 2/
humidity and temperature.py
27
43
temperature is normal:
humidity is normal:
alarm off
>>>
```

Ln: 17 Col: 4