PROJECT name: Real-Time River Water Quality Monitoring and Control System

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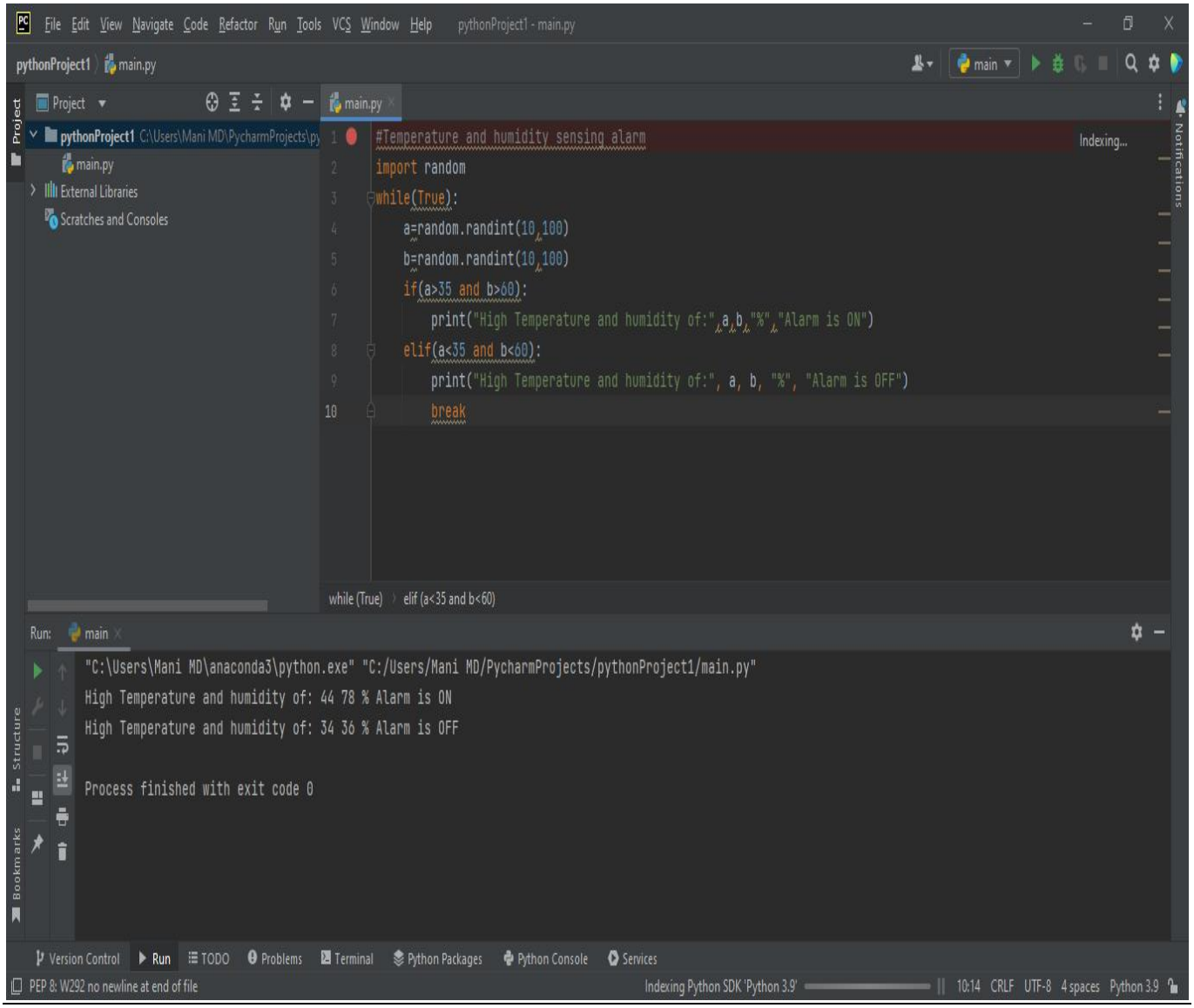
Assignment - 2

Python code :

```
#Temperature and humidity sensing alarm
import random
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>60):
        print("High Temperature and humidity of:",a,b,"%","Alarm is ON")
    elif(a<35 and b<60):
        print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")
        break
```

OUTPUT :


File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonProject1 - main.py
pythonProject1 main.py
main
Project
pythonProject1 C:\Users\Mani MD\PycharmProjects\py
main.py
External Libraries
Scratches and Consoles
main.py
#Temperature and humidity sensing alarm
Indexing...
import random
while(True):
a=random.randint(10,100)
b=random.randint(10,100)
if(a>35 and b>60):
print("High Temperature and humidity of:",a,b,"%","Alarm is ON")
elif(a<35 and b<60):
print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")
break
while (True) elif (a<35 and b<60)
Run: main
"C:\Users\Mani MD\anaconda3\python.exe" "C:/Users/Mani MD/PycharmProjects/pythonProject1/main.py"
High Temperature and humidity of: 44 78 % Alarm is ON
High Temperature and humidity of: 34 36 % Alarm is OFF
Process finished with exit code 0
Version Control Run TODO Problems Terminal Python Packages Python Console Services
PEP 8: W292 no newline at end of file
Indexing Python SDK 'Python 3.9'
10:14 CRLF UTF-8 4 spaces Python 3.9