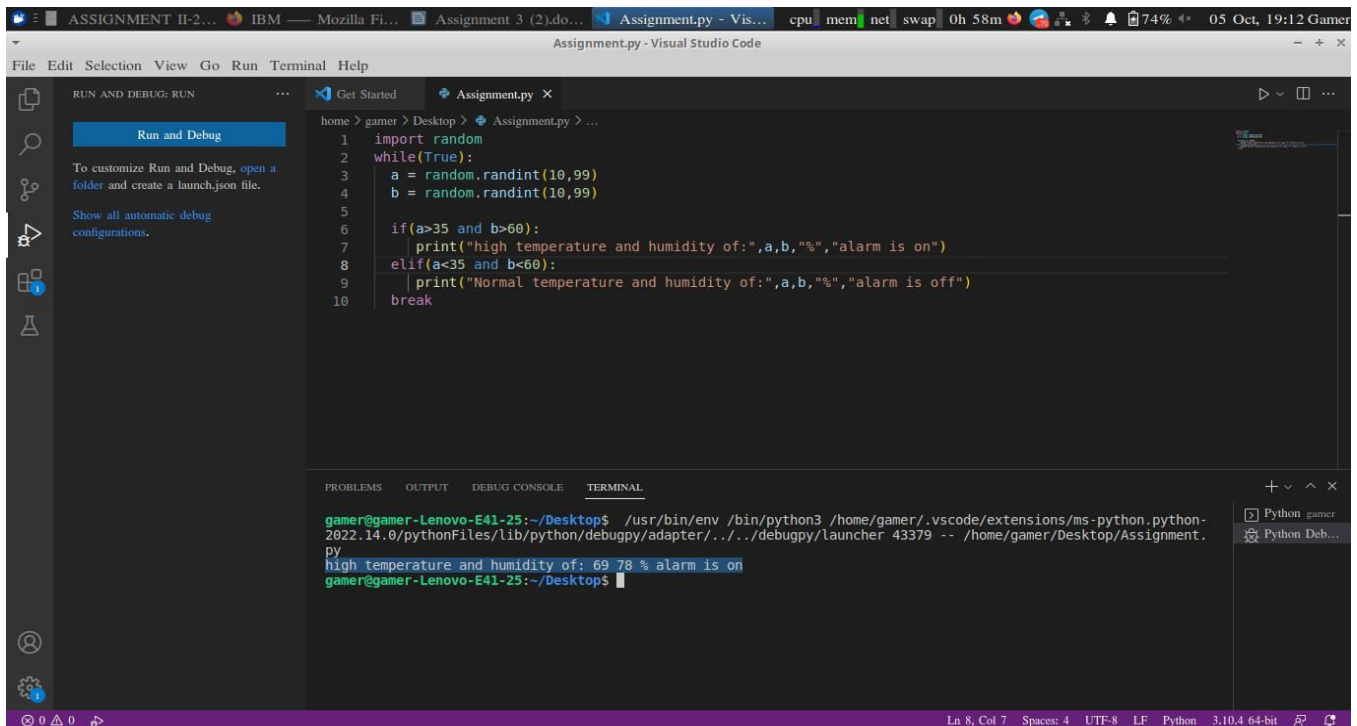


Assignment-2 : Temperature and Humidity(PYTHON 3)

```
import random
while(True):
a = random.randint(10,99)
b = random.randint(10,99)

if(a>35 and b>60):
print("high temperature and humidity of:",a,b,"%","alarm is on")
elif(a<35 and b<60):
print("Normal temperature and humidity of:",a,b,"%","alarm is off")
break
```



The screenshot displays the Visual Studio Code interface. The editor window shows a Python script named 'Assignment.py' with the following code:

```
1 import random
2 while(True):
3     a = random.randint(10,99)
4     b = random.randint(10,99)
5
6     if(a>35 and b>60):
7         print("high temperature and humidity of:",a,b,"%","alarm is on")
8     elif(a<35 and b<60):
9         print("Normal temperature and humidity of:",a,b,"%","alarm is off")
10    break
```

The terminal at the bottom shows the command to run the script and its output:

```
gamer@gamer-Lenovo-E41-25:~/Desktop$ /usr/bin/env /bin/python3 /home/gamer/.vscode/extensions/ms-python.python-2022.14.0/pythonFiles/lib/python/debugpy/adapters/.../debugpy/launcher 43379 -- /home/gamer/Desktop/Assignment.py
high temperature and humidity of: 69 78 % alarm is on
gamer@gamer-Lenovo-E41-25:~/Desktop$
```

The status bar at the bottom indicates the file is 'Ln 8, Col 7', uses 'Spaces: 4', 'UTF-8' encoding, 'LF' line endings, and is a 'Python 3.10.4 64-bit' file.