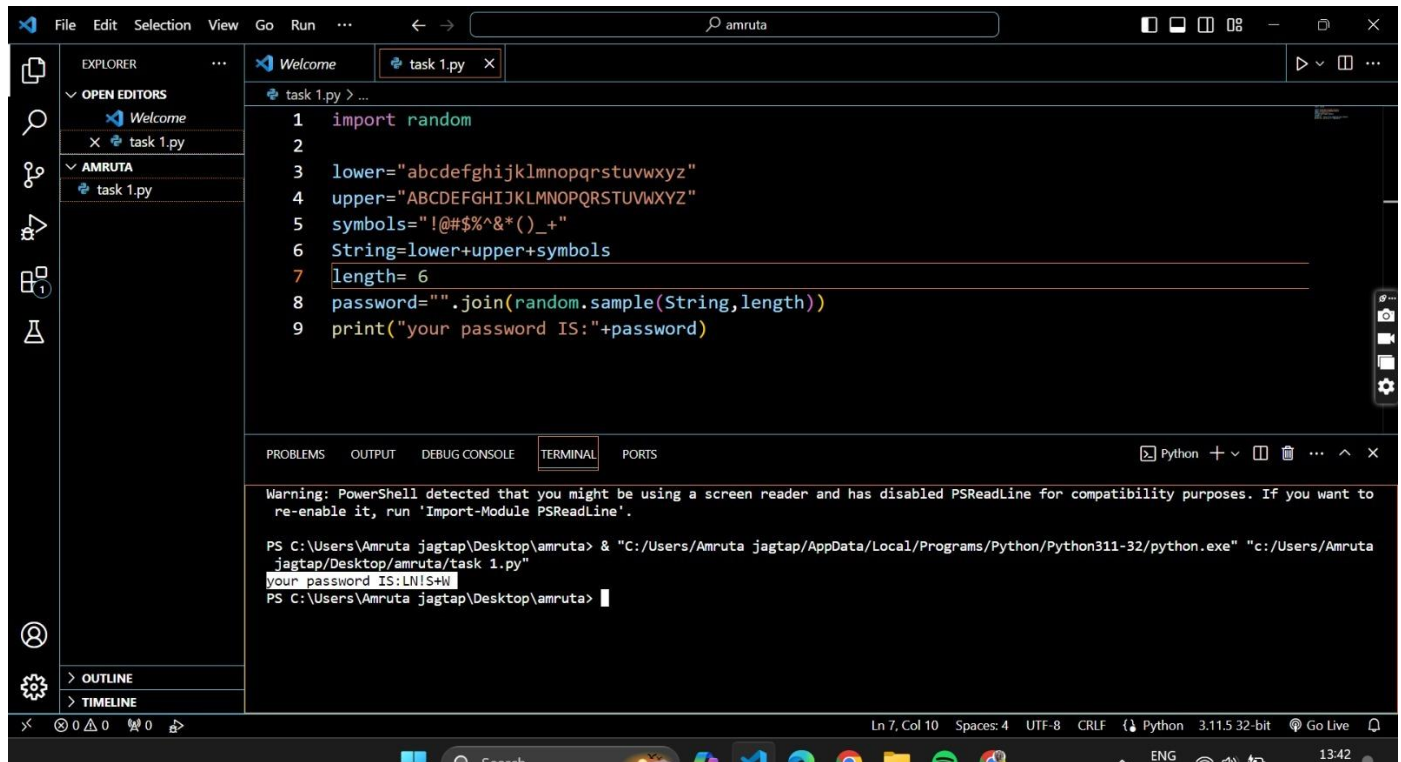


Project 1

Random Password Generator in Python



The image shows a Visual Studio Code editor window with a Python file named `task 1.py` open. The code defines a function to generate a random password of length 6, using a mix of lowercase letters, uppercase letters, and symbols. The terminal output shows the command being run and the resulting password.

```
1 import random
2
3 lower="abcdefghijklmnopqrstuvwxyz"
4 upper="ABCDEFGHIJKLMNOPQRSTUVWXYZ"
5 symbols="!@#$%^&*()_+"
6 String=lower+upper+symbols
7 length= 6
8 password="".join(random.sample(String,length))
9 print("your password IS:"+password)
```

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine for compatibility purposes. If you want to re-enable it, run 'Import-Module PSReadLine'.

PS C:\Users\Amruta jagtap\Desktop\amruta> & "C:/Users/Amruta jagtap/AppData/Local/Programs/Python/Python311-32/python.exe" "c:/Users/Amruta jagtap/Desktop/amruta/task 1.py"

your password IS:LNIS+W

PS C:\Users\Amruta jagtap\Desktop\amruta>