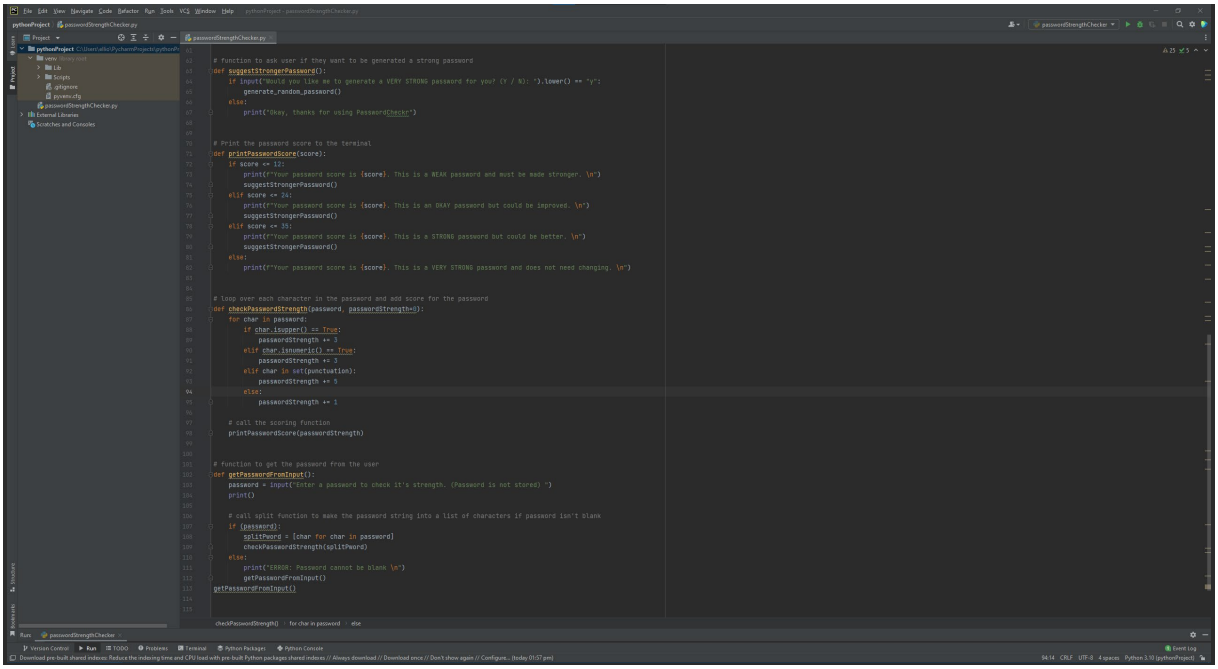

```
Welcome to PasswordCheckr

Enter a password to check it's strength. (Password is not stored) Pword23

Your password score is 13. This is an OKAY password but could be improved.

Would you like me to generate a VERY STRONG password for you? (Y / N): y
Your new password is: hORa#3F6GT2Pgw!&j9VD

Process finished with exit code 0
```

I created a password strength checker that takes in a password using the input() method, breaks down the password into its individual characters and then loops over the characters creating a score for the strength of the password based on the type of characters inputted and the number of characters within the password.

I have been coding challenges from frontend mentor which is an online service which provides frontend website development challenges that you can complete using the design files. I use HTML, CSS, and JavaScript to complete these challenges and sometimes use a pre-processor like SCSS for the styling. I have also been maintaining my own website which has my CV and portfolio on it with a section to search through all my existing projects. (https://elliotlafave.com/portfolio)

I have recently learned how to use web API's using JavaScript fetch method to create applications that use real time data from the internet within my own webpages. I have used web APIs to create a Map workouts application and a movie search application which uses data from The Movie Database to search for a user's inputted request and display the response on the screen. I did this by parsing the JSON response from the server and using the ForEach() method to loop through the data and display it on the screen.

I would like to learn more about SQL and backend development to add to my frontend skillset and to be able to create full stack applications. I'm also interested in learning about creating my own APIs.

At work they use a complex tech stack which includes: HTML, SCSS, node js, JavaScript, VUE JS, C#, Siebel CRM and SiteCore CMS. They use the following software: VisualStudio 2022, VSCode, sqlManager 2019 and Siebel.

At home my personal tech stack is Netlify, HTML, CSS / SCSS, JavaScript, github, Node JS, post CSS and APIs.