Idea behind the project:

The basic idea behind this to take all the latest videos released by your subscribed channels in youtbe ,add them to a playlist and play the playlist.This way you dont have to manually open youtube and do all the work.You can just login and leave the rest to the computer.
I also implemented the gmail signup automation,if anybody doesn't have a gmail account,but because of the automated window google doesn't allow us to do that,so i have left that part of the code commented.

Technoloygy used:

The technology is the selenium webdriver module of python and it has been implemented using python 2.7.

I have implemented browser opening ,youtube site,logging into youtube,opening subscriptions opening each video and adding it to a playlist simultaneously created and then going to library and playing the playlist.I have also implemented the part which does not show the password in the terminal.
U can also add subscriptions in the beginning directly through the terminal.I made a addch() fn for that.

U can also unsubscribe a channel by entering the name of the channel.

<u>Future scope of the project:</u>

This project can be built upon to even play those subscribed videos which were posted on a particular date,so can easily see the released videos of our favouorite channels in a sorted manner.

We can also take discrete videos on similar topics and combine them to form a new playlist,for eg;I can modify the code to take all the videos of How I Met Your Mother from youtube and make a playlist containing all of them so that a user can just play it and watch the episodes in sequence.

I even worked on the part in which you can subscribe to a channel through the terminal and unsubscribe it also.

<u>Link to video--</u>
https://www.youtube.com/watch?v=WfhGMeEez_o

Overall :

It was a gr8 experience and it helped me to get an understanding on automation and its several uses and implementations.The coding part was a bit tricky,coz you had to select the exact right paths to access a link or a button.
On each step I had to inspect the html part of the page which gave me a basic understanding of web development and its structure(various header files and tags).I enjoyed it a lot as it provided me an incentive to work for and this where I get inspiration towards zense as they have constant tasks through which i hope to learn a lot and contribute.