

Problem List

Front-End Development - For all these projects create a folder and keep all the files inside that. Also don't forget to upload the screenshot of the output file.

1. Create a GUI/web-app that allows the user to calculate their BMI with a graph showing their position in the chart.
2. Create a GUI/web-app that suggests random passwords of minimum 14-20 length and have an option of saving the password in encrypted form.
3. Create a GUI/web-app that allows two players to play Tic Tac Toe. You can use JavaScript to create this program.
4. Write a GUI/web-app program that creates a random shape of random color on a random location of your computer screen which appears after a random amount of time and disappears when the shape is clicked by the user. The program should be able to calculate the time difference between appearance and disappearance of shape and show it on the top left corner of the screen.
5. Create your personal web page using HTML and CSS. You can follow the following web pages to get an idea -
<http://anaenders.com/>
<https://www.rhiannonnavin.com/>
<https://www.ximenavengoechea.com/>
<http://redrussak.com/>
<https://www.amandarachlee.com/>
<https://albinotonnina.com/>
6. Create your resume in the following format using HTML and CSS -
<http://www.pascalvangemert.nl/>
7. Create a web page that shows the latest tweets based on a hashtag or keyword. The UI should be neat and clean.
8. Create a neat and clean web page that shows the weather details of a city provided as input by the user.

9. Create a browser extension to group all files of the download folder according to their extensions and each group should be ordered in lexicographic order.
10. Create a browser extension to show and an option to delete the least recently used files.
11. Create a browser to pomodoro timer extension where the user should be able to adjust the time and break.
12. Create a chat forum for discussion on various topics, you can add rooms feature where different topics can be discussed in different rooms.
13. Create a javascript,html and css playground.
14. Create a GUI/web-app for downloading youtube videos in mp3 format and converting normal mp4 files to mp3 files.
15. Create a GUI/web-app to edit your images online , you can add features like crop, rotate ,turn to black and white etc.
16. Create a GUI/web-app to convert a doc file to pdf,md,etc and vice versa
17. Create a GUI/web-app to convert a jpeg to png,gif,tiff etc and vice versa.
18. Create a GUI/web-app to encrypt images with text messages and decrypt these messages.
19. Create a GUI/web-app to add and remove watermarks from an image
20. Create a GUI/web-app to display popular songs on specific genres and to display its lyrics.
21. Create a browser extension that tells how much time you are spending on a specific website in a day.