

Web Convener Assignment

Hello guys! Once again, congratulations for making it to the second round of interviews. For this, you will be required to attempt this assignment in the order specified below. Doing each question is NOT mandatory. Just give your best shot.

Deadline: Saturday, May 8, 2021

Problem 0:

1. Read and set up XAMPP local server on your machine.

Reference:- [XAMPP](#)

Problem 1:

1. Make a basic user-login page using HTML and CSS.
2. Make the page functional using PHP and SQL. Display the username of the user after a successful login. (Hint:- Create a database on your local server)
3. Make a user registration page wherein a new user is added to the database. Display a success message and show the user details after login.
4. Make a loader and a well-styled hamburger icon for the homepage.

Note:- You can add a logout and back buttons to make your page more interactive
References:- [HTML](#), [CSS](#), [PHP](#), [SQL](#)

Problem 2:

Create a single component Angular App which has a user-friendly responsive table of names, roll number and department of some students. This will give you an introduction to what Angular really is. So, these are the things you need to do.

1. Create a new Angular project
2. Read about Angular Material
3. Put the data in a table
4. Display the table using HTML and angular.
5. CSS effect if you can think of any

References:- [Angular](#), [Angular Material](#)

Problem 3[Bonus]:

1. Write a python script that takes in the username and password of a user as terminal input and shows a login success or failure message.

Use python version ≥ 3.0 and not Python 2.7

Note:- You can make a new database.

References:- [Python](#), [SQL for Python](#)

SUBMISSION INSTRUCTIONS :

1. Make a public GitHub repository with the name
 <your_name>_<roll-no>_ugacassign
 for eg: sachin_19D110016_ugacassign
2. Make separate directories/folders for each problem and label them accordingly.
3. Make a README for your repo to specify any assumptions/ external libraries used.
4. Email the link of your repository to web.nom.ug@gmail.com

Any form of plagiarism will lead to immediate **disqualification**.

We are looking for honest efforts and not perfect answers.

If you have any issues/doubts regarding the assignment, please drop an email or ping us personally.

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