

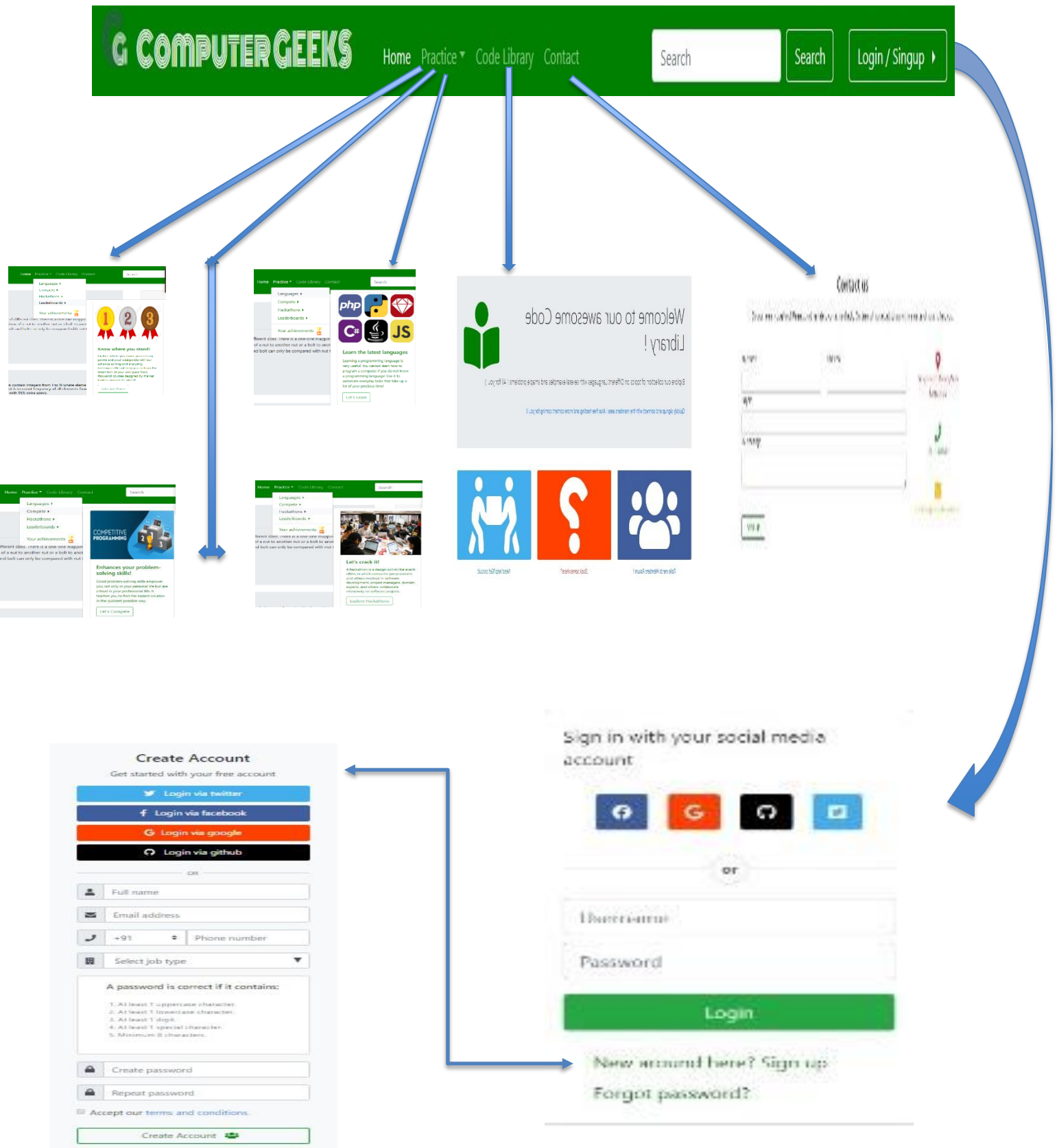
PROJECT REPORT ON WEBSITE FOR CODING PRACTICE

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Submitted to : MANU BALI
COURSE:CSE326



FLOW CHART



Acknowledgment

We have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals and organizations. We would like to extend my sincere thanks to all of them.

We are highly indebted to **MANU BALI** for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project and encouragement which help us in the completion of this project.

My thanks and appreciations also go to my colleague in developing the project and people who have willingly helped me out with their abilities

INTRODUCTION

ComputerGeeks.com *CODE WANTS TO BE SIMPLE* is an initiative to help the upcoming programmers with the code. Scan code focuses on providing the most efficient code or snippets as the code wants to be simple. We will help programmers build up concepts in different programming languages that include C, C++, Java, HTML, CSS, Bootstrap, JavaScript, PHP, Android, SQL and Algorithm

While designing our website we used **HTML, CSS, JAVASCRIPT and BOOTSTRAP** framework.

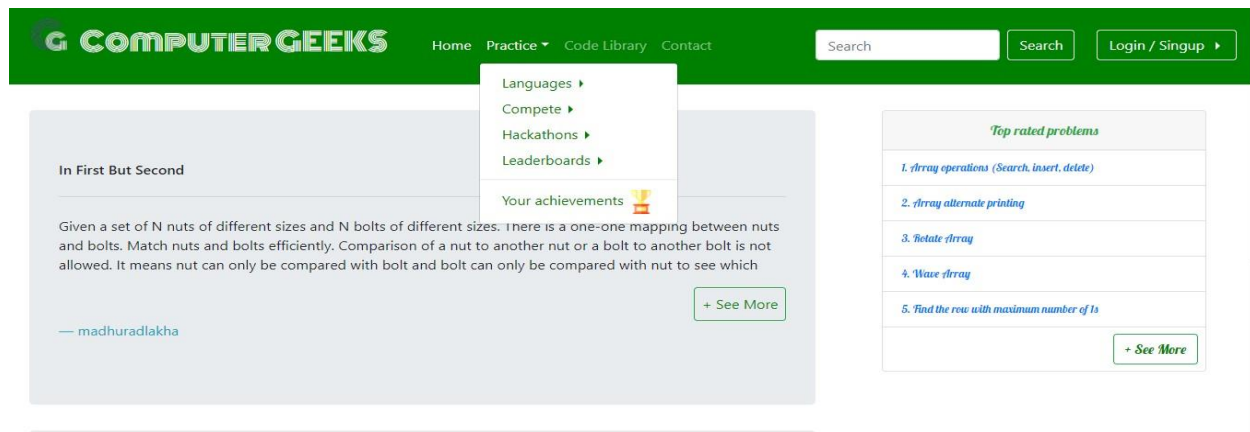
In the top part (shown below) of this website i.e. green area, there are many options present like HOME, PRACTICE, CODE LIBRARY, CONTACT, SEARCHBAR, LOGIN\SIGNUP option.



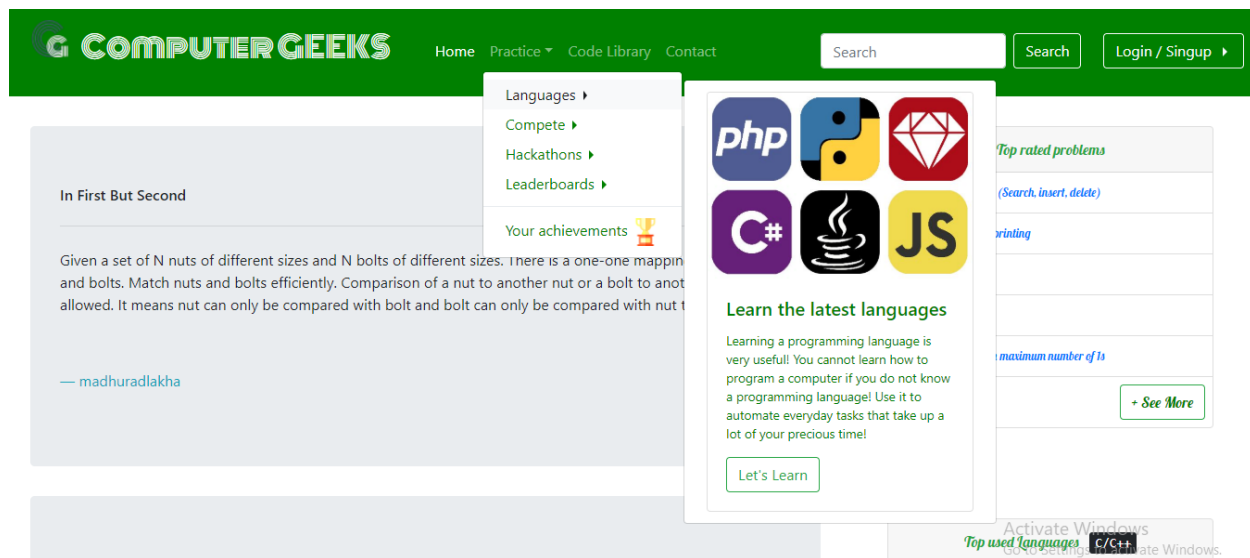
When we move the cursor and touch the practice option the website automatically pop
Four new options.

Those are :

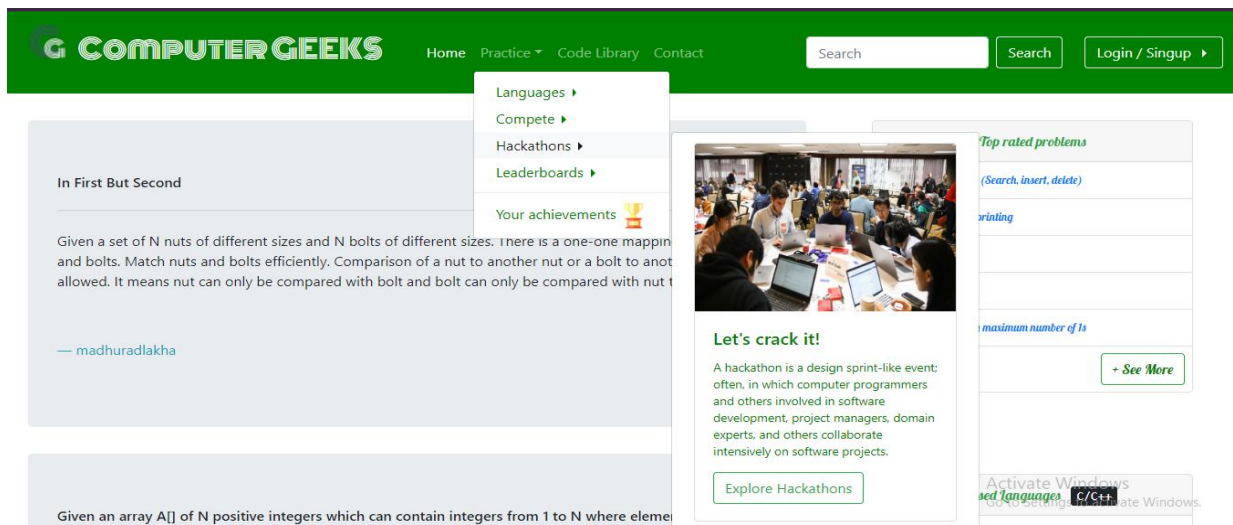
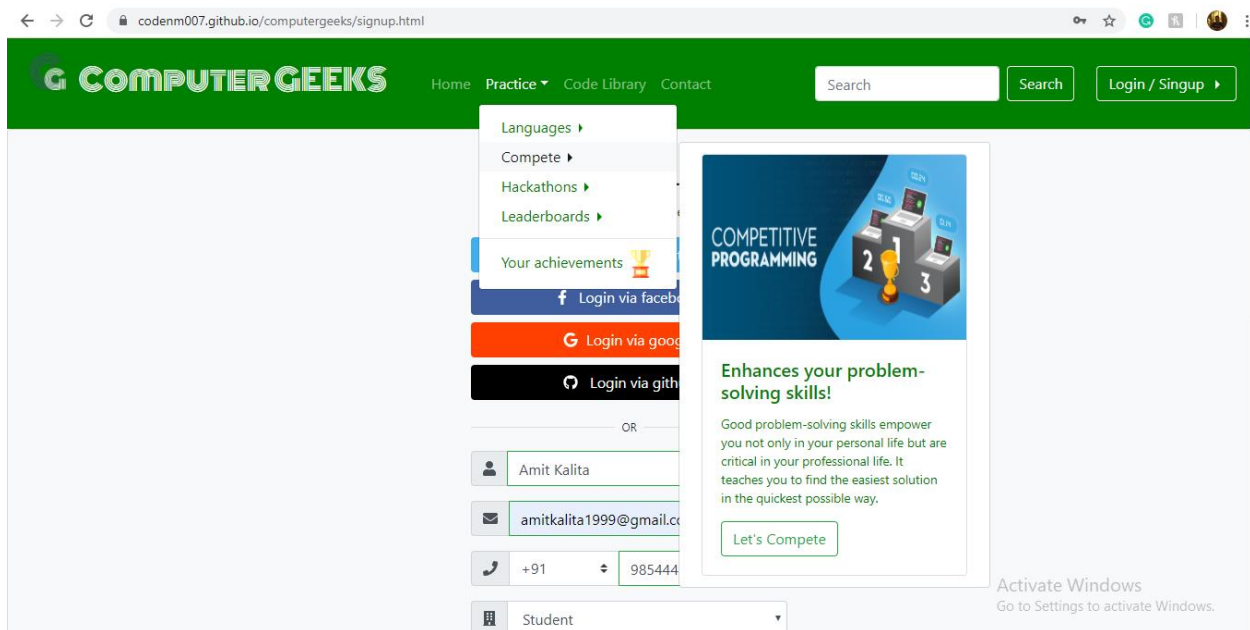
- 1: Language
2. Complete
3. Hackathon
4. Leather board
5. Your Achievement



Again if we point the cursor to the language option then this website automatically show many programming language icons without any click.



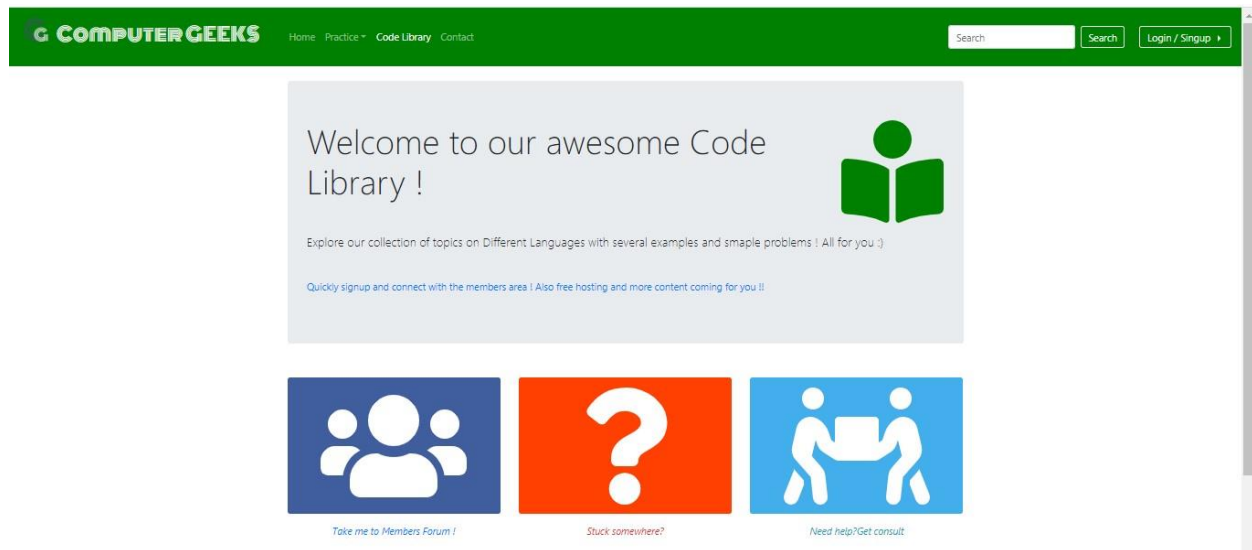
OTHER three options are also shown in below screenshot



The screenshot shows the GeeksforGeeks website. The header is green with the logo and navigation links: Home, Practice, Code Library, and Contact. There is a search bar and a login/signup button. A dropdown menu is open under 'Practice', showing options: Languages, Compete, Hackathons, Leaderboards, and Your achievements (with a trophy icon). The main content area has a problem description titled 'In First But Second' by madhuradlakha. The problem involves matching nuts and bolts. To the right, there is a 'Top rated problems' section with a list of problems and a 'See More' button. Below that, there is a 'Know where you stand!' section with a 'Take me there' button. At the bottom, there is a 'Need help, get consult' section with a 'Take me there' button.

We implement CSS to enable this attribute.

By click on **code library** link, the website brings to another page, where the member forum, Need help, get consult options are there




In spite of Home option, if we click ComputerGEEKS (this option present in above screenshot's green area) option the website is also brought to Home page from any location of the website


ABOUT CONTACT US LINK


Contact us

Do you have any questions? Please do not hesitate to contact us directly. Our team will come back to you within a matter of hours to help you.

Your name	Your email
<input type="text"/>	<input type="text"/>
Subject	
<input type="text"/>	
Your message	
<input type="text"/>	
<input type="button" value="Send"/>	


24 pgns North Kolkata, West-
Bengal, India


+91-10001000


contactus@computergeeks.com


One smart feature of our website is that the **user can't put a wrong email id.**


If you put wrong email id (Ex. without @) this site will show that
Email id much contains @ with a domain name.


Contact us

Do you have any questions? Please do not hesitate to contact us directly. Our team will come back to you within a matter of hours to help you.

Your name	Your email
<input type="text" value="Amit Kalita"/>	<input type="text" value="asdffghjk"/>
Subject	
<input type="text" value="23wesfdghjfuy"/>	
Your message	
<input type="text" value="wqaesrdxfvcv"/>	
<input type="button" value="Send"/>	


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contactus@computergeeks.com

We implement this feature by bootstrap

On the Home page, there are two questions present.

A link namely (**+see more**) is added below in every question

This **+see more** option is created by CSS

In First But Second

Given a set of N nuts of different sizes and N bolts of different sizes. There is a one-one mapping between nuts and bolts. Match nuts and bolts efficiently. Comparison of a nut to another nut or a bolt to another bolt is not allowed. It means nut can only be compared with bolt and bolt can only be compared with nut to see which

[+ See More](#)

— madhuradlakha

By hover **+ see more** the link will open.

In First But Second

Given a set of N nuts of different sizes and N bolts of different sizes. There is a one-one mapping between nuts and bolts. Match nuts and bolts efficiently. Comparison of a nut to another nut or a bolt to another bolt is not allowed. It means nut can only be compared with bolt and bolt can only be compared with nut to see which one is bigger/smaller. Input: The first line contains 'T' denoting the number of testcases. Then follows description of T testcases: Each case begins with a single positive integer N denoting the number of nuts/bolts. Then follows the array of nuts, each element separated by a space. And finally the bolts array, again, each element is separated by a space here. Array of Nuts/Bolts can only consist of the following elements: {'@', '#', '\$', '%', '^', '&', '~', '*', '!'} . And no element can be repeated. Output: For each test case, output the matched array of nuts and bolts in separate lines, where each element in the array is separated by a space. Print the elements in the following order ! # \$ % & * @ ^ ~ Constraints: $1 \leq T \leq 70$ $1 \leq N \leq 9$ Example: Input: 2 5 @ % \$ # ^ % @ # \$ ^ 9 ^ & % @ # * \$ ~ ! ~ # @ % & * \$ ^ ! Output: # \$ % @ ^ # \$ % @ ^ ! # \$ % & * @ ^ ~ ! # \$ % & * @ ^ ~ ** For More Input/Output Examples Use 'Expected Output' option **

[- See Less](#)

— madhuradlakha

The home page also contains another two questions

We can see those question by hover



hover
back to the previous two questions



In the same way
the link brings

On the Home page, we added some top-rated problem those are shown in below screenshot

<i>Top rated problems</i>	
<i>1. Array operations (Search, insert, delete)</i>	
<i>2. Array alternate printing</i>	
<i>3. Rotate Array</i>	
<i>4. Wave Array</i>	
<i>5. Find the row with maximum number of 1s</i>	
<i>6. Handshakes</i>	
<i>7. Tower of Hanoi</i>	
<i>8. Segregate even and odd (Using only one traversal)</i>	
<i>9. Delete node in Doubly Linked List</i>	
<i>10. Next Greater Element</i>	
<div>- <i>See Less</i></div>	

We have also introduced some top-rated programming language's name on the Home page.

Top used Languages

C/C++

1. *JavaScript*

2. *Python*

3. *Java*

4. *PHP*

5. *C++*

6. *Go Programming Language*

7. *SQL*

8. *Ruby*

9. *Swift*

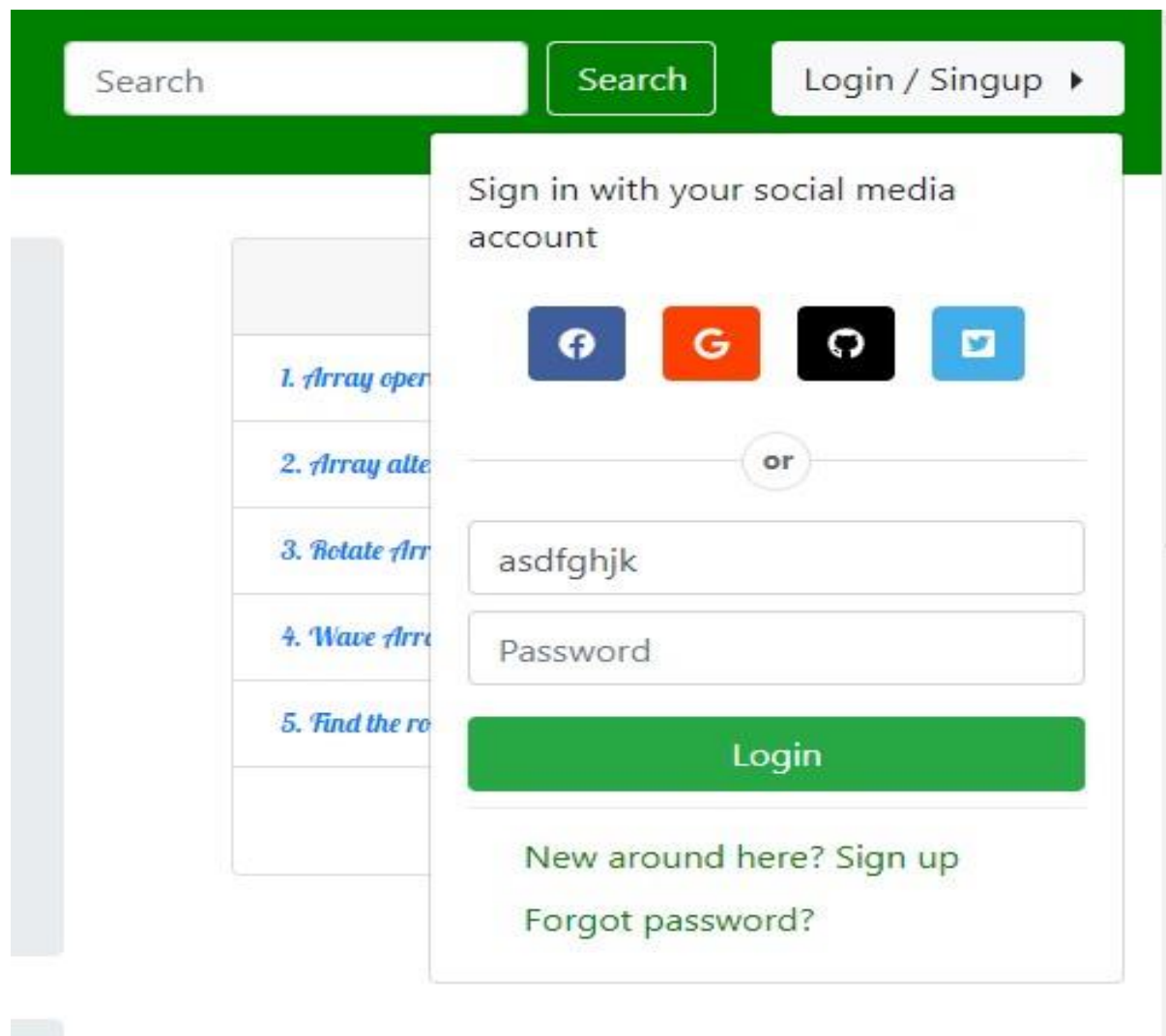
10. *Perl*

- *See Less*

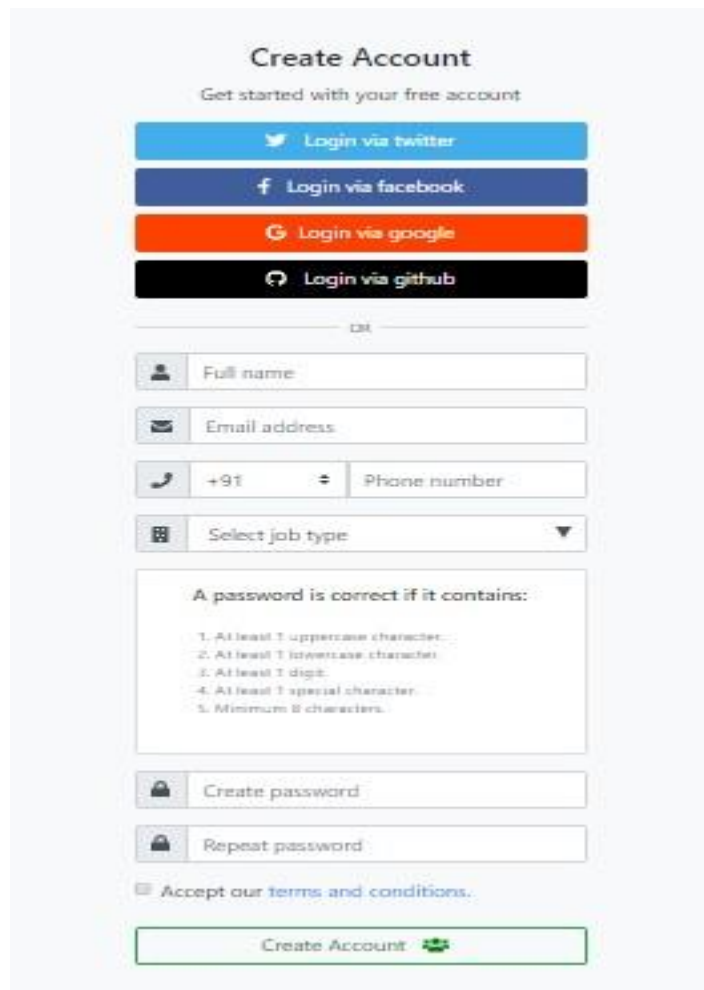


LET`S come to the most trendy, intuitive design and user interface i.e **Login / Signup**

On moving the cursor to the Login/ Signup option link, it's spontaneously changed the colour From green to white and also pop up a screen that is manifest in the below figure.



When we hover on [New around here? Sign up](#) link, then a new page opens



The image shows a 'Create Account' form with the following elements:

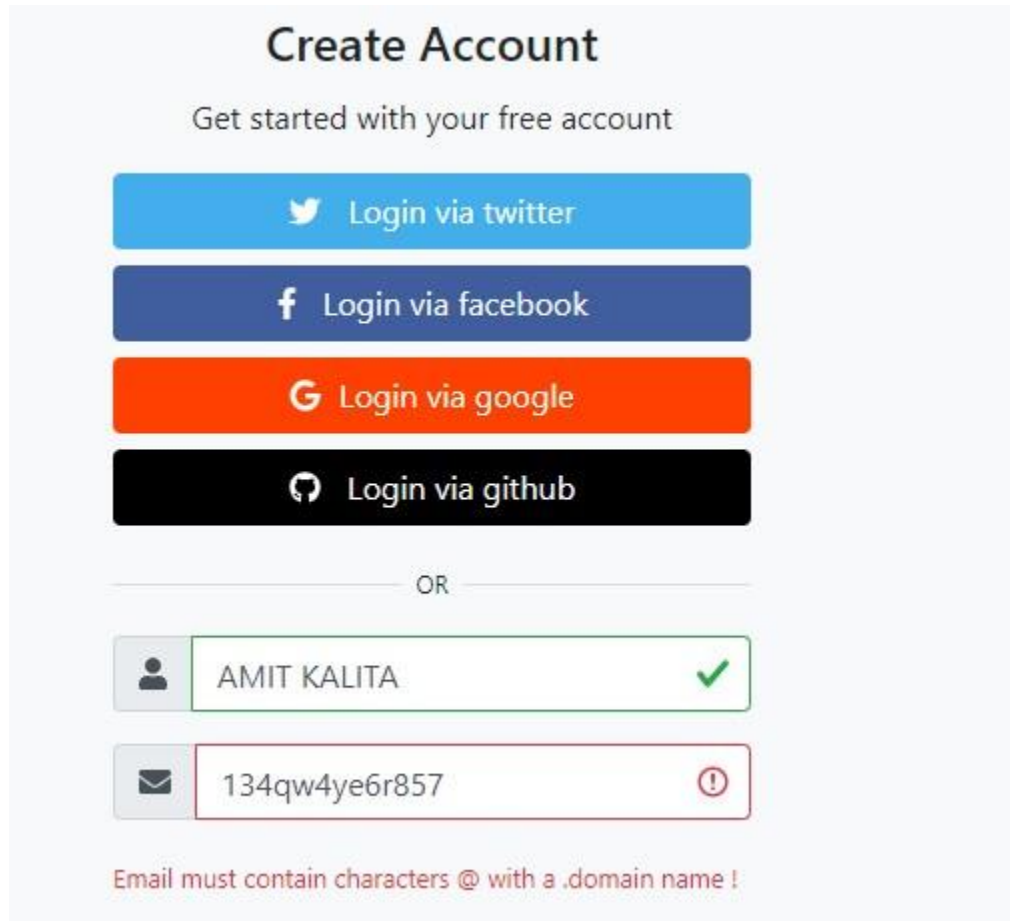
- Title:** Create Account
- Subtitle:** Get started with your free account
- Login Options:** Four buttons for social login: 'Login via twitter' (blue), 'Login via facebook' (dark blue), 'Login via google' (orange), and 'Login via github' (black).
- Separator:** A horizontal line with the text 'OR' in the center.
- Form Fields:**
 - Full name:** A text input field with a person icon on the left.
 - Email address:** A text input field with an envelope icon on the left.
 - Phone number:** A field with a dropdown menu showing '+91' and a 'Phone number' text input.
 - Select job type:** A dropdown menu with a grid icon on the left and a downward arrow on the right.
- Password Requirements:** A box titled 'A password is correct if it contains:' containing a list:
 1. At least 1 uppercase character.
 2. At least 1 lowercase character.
 3. At least 1 digit.
 4. At least 1 special character.
 5. Minimum 8 characters.
- Password Fields:** Two text input fields labeled 'Create password' and 'Repeat password', each with a lock icon on the left.
- Terms and Conditions:** A checkbox followed by the text 'Accept our terms and conditions.'.
- Submit Button:** A green button labeled 'Create Account' with a green checkmark icon.

This page is used to [register or Sign up](#) the users

Though We don't create a server to store data of the user, this page has some fascinating characteristics which will describe below.


We implement as exactly similar aspect used in [contact us link](#),


You can't put anything on the email address.





Create Account

Get started with your free account



 Login via twitter



 Login via facebook

 Login via google

 Login via github

OR

 AMIT KALITA 

 134qw4ye6r857 

Email must contain characters @ with a .domain name !

The website will show above page if users put wrong email id

In a similar way, we can not put a letter, character, symbols, emoji on phone number section

A screenshot of a registration form with the following fields:

- Name:** A text input field containing "Amit Kalita" with a green checkmark icon on the right, indicating it is valid.
- Email:** A text input field containing "amitkalita1999@gmail.com" with a blue background.
- Phone Number:** A field split into two parts. The left part contains "+91" with a dropdown arrow. The right part contains "q35etgf" with a red border and a red exclamation mark icon, indicating an error.
- Error Message:** Below the phone number field, the text "Please enter only Numbers without spaces!" is displayed in red.
- Job Type:** A dropdown menu with the text "Select job type" and a downward arrow icon.
- Password:** A text input field is visible at the bottom of the form.

The website will send an indication that please enter only numbers without space

So, we have to put the only number in the phone number section, like below given Screenshot

In the password section, while creating password we should keep in mind the below-mentioned terms and conditions

A password is correct if it contains:

1. At least 1 uppercase character.

2. At least 1 lowercase character.

3. At least 1 digit.

4. At least 1 special character.

5. Minimum 8 characters.

.....

✓

.....

✓

☒ Accept our [terms and conditions](#).

Create Account

Also, both the password section (create password and repeat password) should be the same.

Otherwise, website like that

Login via twitter

Login via facebook

Login via google

Login via github

OR

Amit Kalita

✓

amitkalita1999@gmail.com

+91

9854443511

✓

the will show

screenshot

OVERVIEW
WEBSITE


1. At least 1 uppercase character.

2. At least 1 lowercase character.


3. At least 1 digit.

4. At least 1 special character.


5. Minimum 8 characters.



.....



Password Not matching the above mentioned format!



.....

THIS IS THE
OF OUR

