

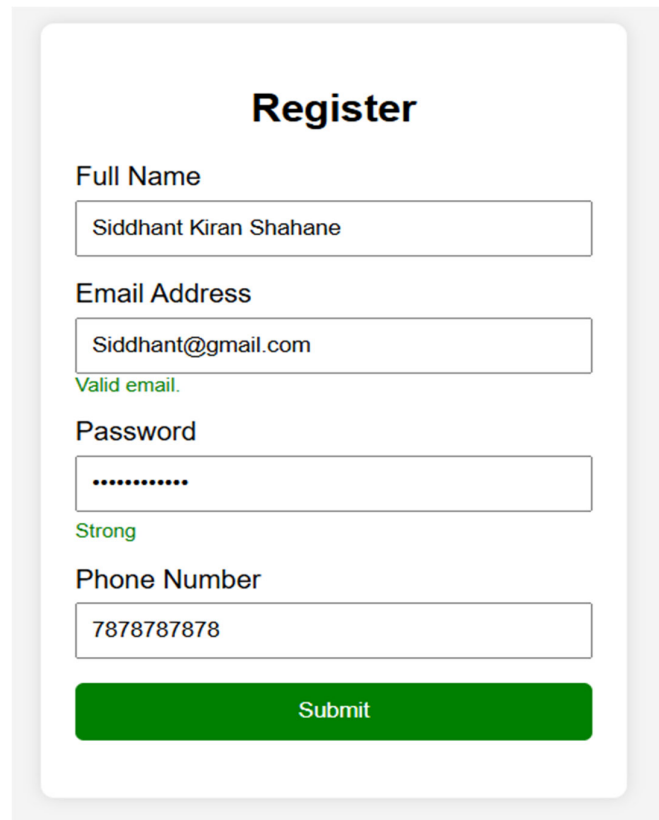
Task 4

1. Design a responsive webpage using HTML5 and CSS3 with the following requirements:

GitHub Repo:- https://github.com/Siddhant40/Worldline_tasks/tree/main/form

Live Demo :- https://siddhant40.github.io/Worldline_tasks/form/

Screenshots:-



Register

Full Name

Siddhant Kiran Shahane

Email Address

Siddhant@gmail.com

Valid email.

Password

.....

Strong

Phone Number

7878787878

Submit

In the above image we can see following things: -

- 1) Name is in proper format
- 2) Email address is a valid mail
- 3) Password is strong and has satisfied all the necessary conditions
- 4) Phone number is of 10 digits.
- 5) As all the conditions are Satisfied so the submit button has turned into green colour.

Register

Full Name

 Full Name must be at least 3 characters long and contain only alphabets and spaces.

Email Address

 Invalid email address.

Password

 Password must be at least 8 characters long, contain one uppercase letter, one lowercase letter, one number, and one special character.
 Weak

Phone Number

 Phone Number must be exactly 10 digits.

Submit

In above image we can see following things:-

- 1) Name is not entered correctly so it is showing error.
- 2) Email address is also in wrong format.
- 3) Password does not satisfy all the condition so necessary conditions are shown in red color below it.
- 4) Phone number is incomplete so we are getting warning for it in red font.
- 5) As all the conditions are not satisfied so the submit button is turn to red color.

➤ Arithmetic Operations performed in JavaScript

```
const fullNameRegex = /^[A-Za-z\s]{3,}$/;
const emailRegex = /^[^s@]+@[^s@]+\.[^s@]+$/;
const passwordRegex = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;
const phoneRegex = /^\d{10}$/;
```

Conclusion: -

Hence our Form can validate the users input and then gives warnings to user so that user can enter the data properly.