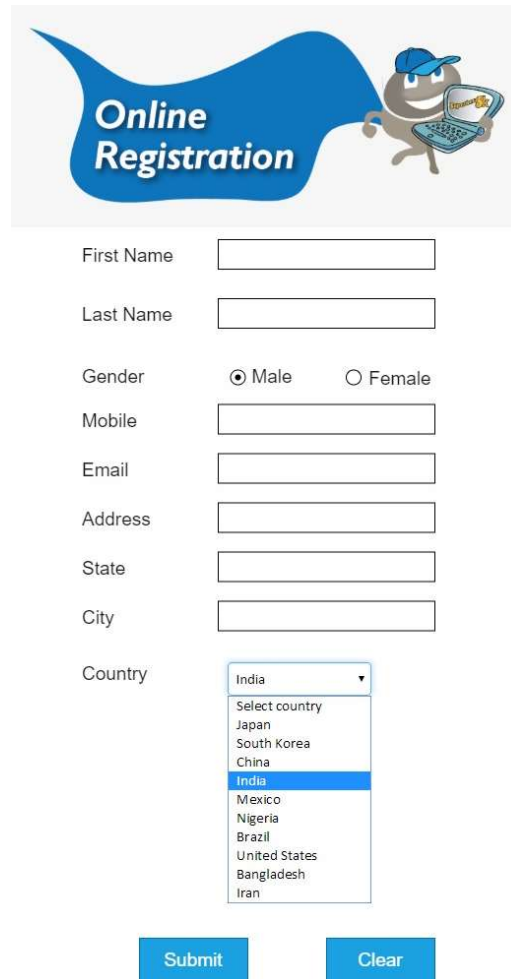


Problem statement:

Create a web page for user registration using HTML, CSS as shown below. Validate the details entered using Javascript.



The image shows a web form titled "Online Registration" with a cartoon character holding a laptop. The form contains the following fields and controls:

- First Name:
- Last Name:
- Gender: ☒ Male ☐ Female
- Mobile:
- Email:
- Address:
- State:
- City:
- Country:

India ▼

Select country

Japan

South Korea

China

India

Mexico

Nigeria

Brazil

United States

Bangladesh

Iran

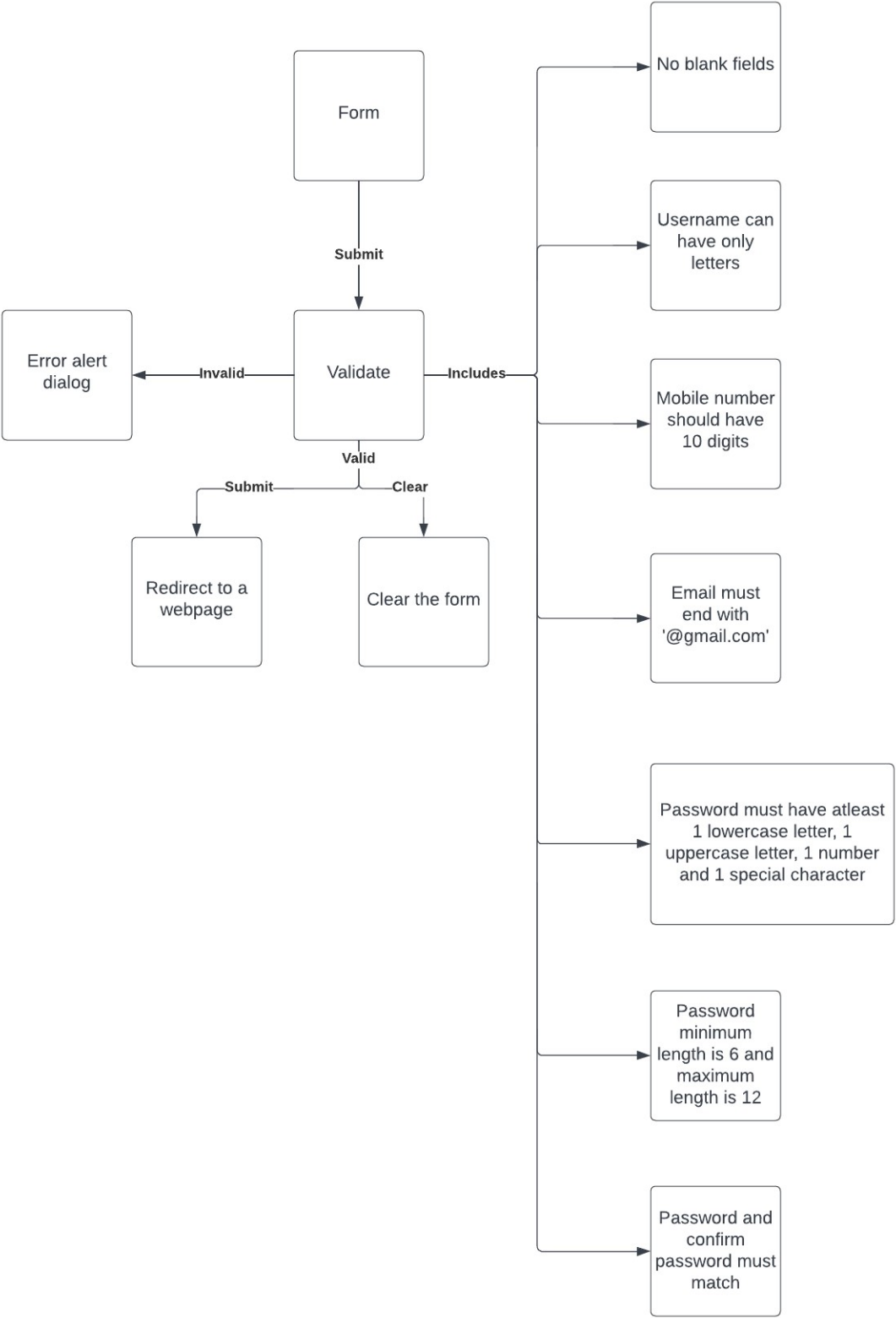
At the bottom, there are two buttons: "Submit" and "Clear".

When the user clicks on “Submit” button, validate all entries with the following sample conditions.

- (i) Name should contain only alphabets
- (ii) Email should have a format of xyz@gmail.com
- (iii) Password must be of specific length and should contain alphabets, numbers, special characters
- (iv) Mobile number should be of length 10 (Insert country code if required with additional length)

Additionally, customize the form by adding some more fields in the form, apply formatting by adding background image, changing font color for the elements and evaluate the entries. When the user clicks on “Clear” button, all entries should be cleared.

Design: (Block diagram)



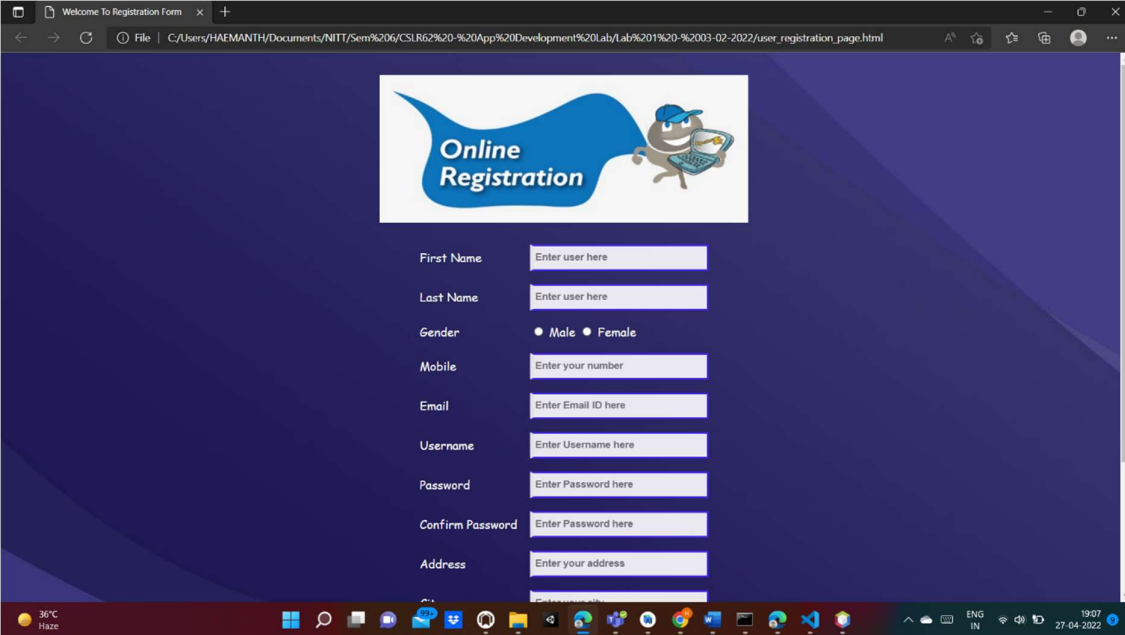
Tool used:

- HTML
- CSS
- Javascript
- Visual Studio Code

Code:

<https://drive.google.com/file/d/1uata3WAhR1IcCBJe6chwFuFOjL0GI0Vn/view?usp=sharing>

Screenshots of application:



The screenshot shows a web browser window displaying an online registration form. The browser's address bar shows the file path: `C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR62%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html`. The form has a dark blue background with a white banner at the top that says "Online Registration" and features a cartoon character. Below the banner, there are several input fields for user information:

Field Label	Input Field
First Name	Enter user here
Last Name	Enter user here
Gender	<input type="radio"/> Male <input type="radio"/> Female
Mobile	Enter your number
Email	Enter Email ID here
Username	Enter Username here
Password	Enter Password here
Confirm Password	Enter Password here
Address	Enter your address

The Windows taskbar at the bottom shows the system clock as 19:57 on 27-04-2022, with a temperature of 36°C in Bhubaneswar.

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%2003-02-2022/user_registration_page.html

First Name

Last Name

Gender ☒ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

36°C Haze

19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%2003-02-2022/user_registration_page.html

This page says
Please enter your first name

Gender ☒ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

36°C Haze

19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
First Name field can only have alphabet characters

OK

Gender ☒ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
Please enter your Last name

OK

Gender ☒ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Please select your gender

OK

Gender ☒ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze 19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Please enter your Mobile Number

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze 19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Mobile number should have 10 digits

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:07 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

First Name

Last Name

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
Please enter your email id

OK

Gender ☐ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
Invalid email

OK

Gender ☐ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
User name field required only alphabet characters

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
User name field required only alphabet characters

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Please enter Password

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

ENG IN 19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Password must have atleast one upper case letter, lower case letter, special character and digit

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

ENG IN 19:08 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
Password max length is 12

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

36°C Haze 19:09 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

This page says
Please Confirm your Password

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

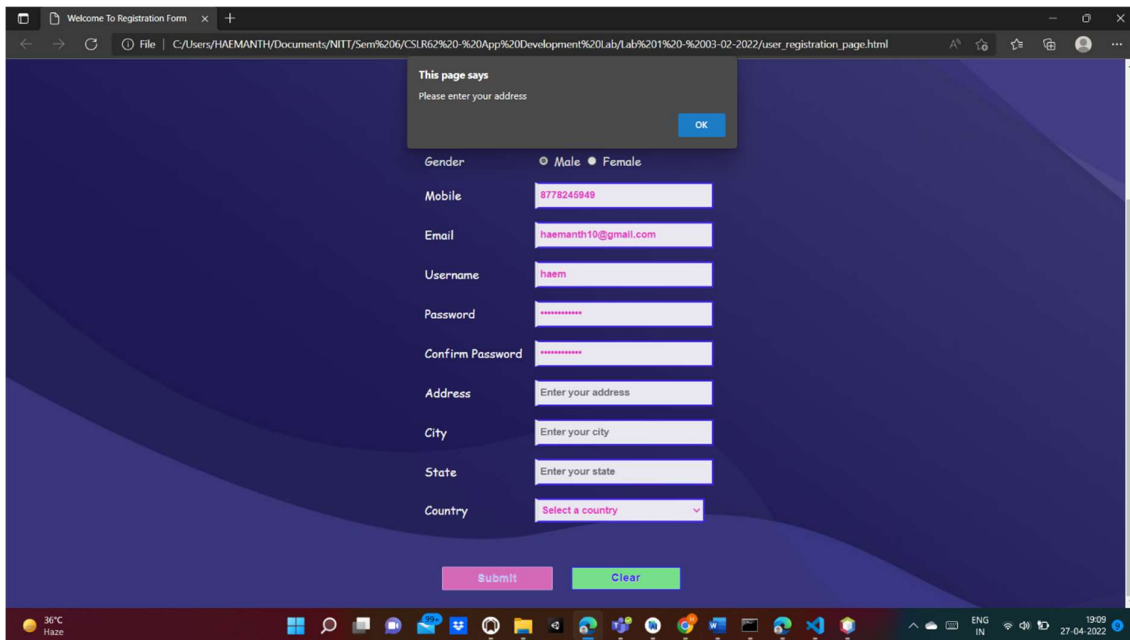
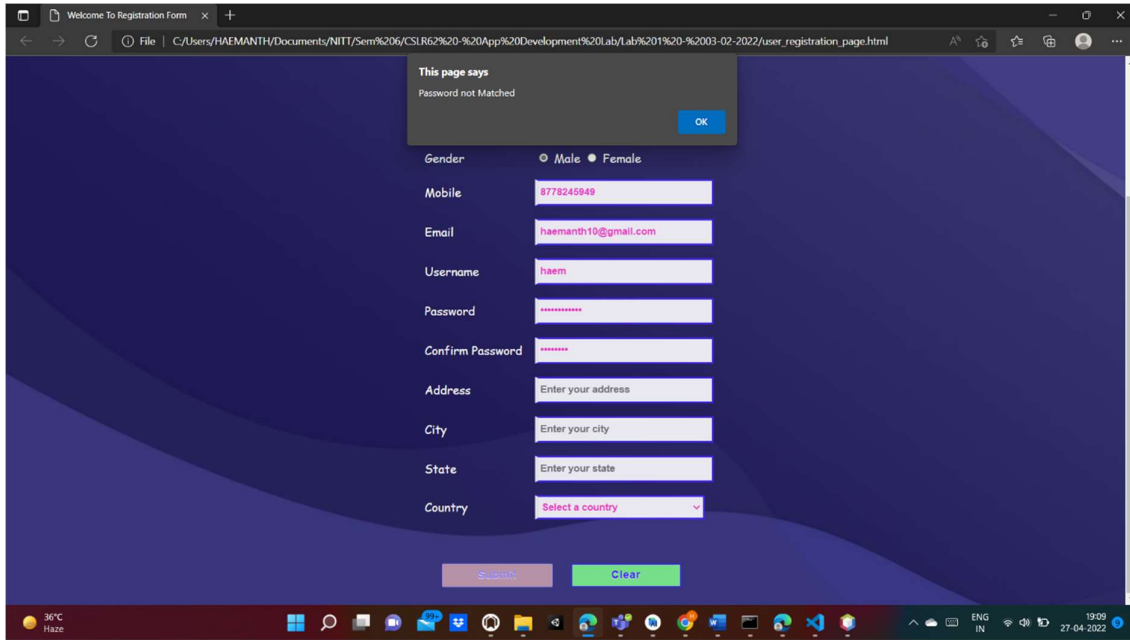
Address

City

State

Country

36°C Haze 19:09 27-04-2022



Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Please enter your City

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:09 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

This page says
Please enter your State

OK

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:09 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

First Name:

Last Name:

Gender: ☒ Male ☐ Female

Mobile:

Email:

Username:

Password:

Confirm Password:

Address:

City:

State:

Country:

36°C Haze 19:10 27-04-2022

Welcome To Registration Form

File | C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%202003-02-2022/user_registration_page.html

First Name:

Last Name:

Gender: ☒ Male ☐ Female

Mobile:

Email:

Username:

Password:

Confirm Password:

Address:

City:

State:

Country:

36°C Haze 19:10 27-04-2022

Welcome To Registration Form

C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

First Name: Haemanth

Last Name: V

Gender: ☒ Male ☐ Female

Mobile: 8778245949

Email: haemanth10@gmail.com

Username: [Dropdown menu open showing countries: Hong Kong, Hungary, Iceland, Indonesia, India, Iran, Iraq, Ireland, Isle of Man, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kiribati, Korea North, Korea South, Kuwait]

Password: [Empty field]

Confirm Password: [Empty field]

Address: [Empty field]

City: [Empty field]

State: [Empty field]

Country: [Select a country]

Submit Clear

36°C Haze 19:10 27-04-2022

Welcome To Registration Form

C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%201%20-%2003-02-2022/user_registration_page.html

First Name: Haemanth

Last Name: V

Gender: ☒ Male ☐ Female

Mobile: 8778245949

Email: haemanth10@gmail.com

Username: haem

Password: [Masked field]

Confirm Password: [Masked field]

Address: 65, Agate, NITT

City: Trichy

State: Tamil Nadu

Country: India

Submit Clear

36°C Haze 19:10 27-04-2022

Welcome To Registration Form

C:\Users\HAEMANTH\Documents\NITT\Sem%206\CSLR6%20-%20App%20Development%20Lab\Lab%201%20-%2003-02-2022\user_registration_page.html

This page says
Thank You for Login & You are Redirected to the Website

Gender ☐ Male ☒ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

Submit Clear

36°C Haze

19:10 27-04-2022

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Java Language	Numerical Method	HTML Language	Php Language
Tricks	C Programs	C++ Programs	Java Programs

Today Message

" Be safe at home from Corona virus effect and pray for the world from God to protect us from this dangerous virus. "

19:15 PM

April 27

36°C Haze

19:15 27-04-2022

Welcome To Registration Form

C:/Users/HAEMANTH/Documents/NITT/Sem%206/CSLR6%20-%20App%20Development%20Lab/Lab%20-%2003-02-2022/user_registration_page.html

First Name

Last Name

Gender ☒ Male ☐ Female

Mobile

Email

Username

Password

Confirm Password

Address

City

State

Country

36°C Haze 19:10 27-04-2022