

IT254 – WEB TECHNOLOGIES AND APPLICATIONS

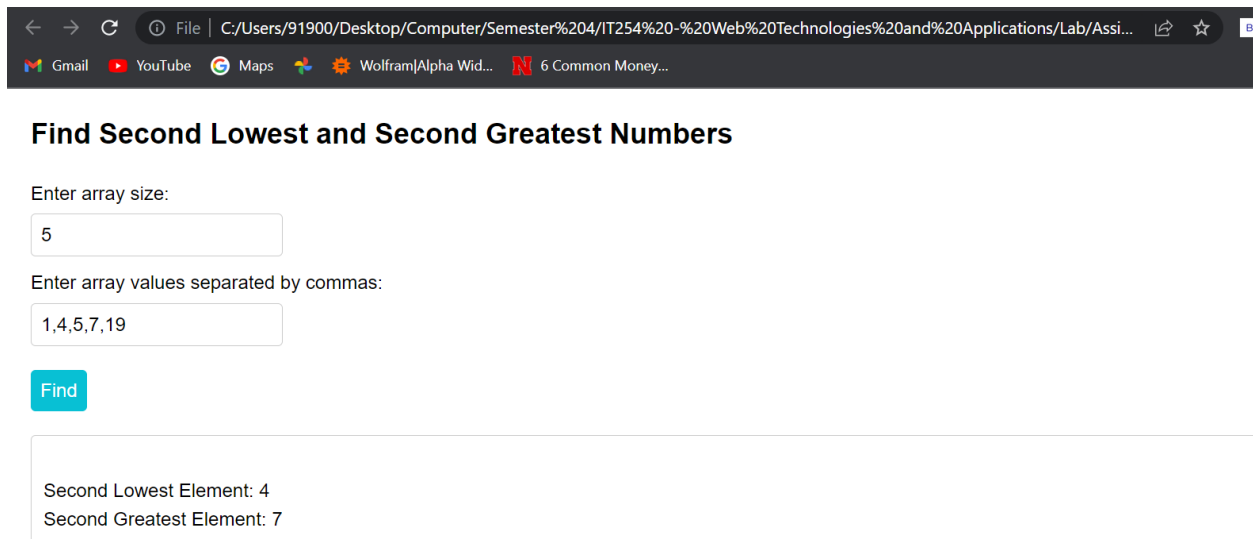
ASSIGNMENT 5 (JavaScript Assignment 2)

Name: **Sachin Prasanna**

Roll No.: **211IT058**

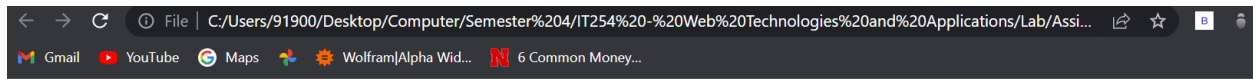
Outputs:

1.



The screenshot shows a web browser window with the following elements:

- Address Bar:** C:/Users/91900/Desktop/Computer/Semester%204/IT254%20-%20Web%20Technologies%20and%20Applications/Lab/Assi...
- Search Bar:** Contains the text "Find Second Lowest and Second Greatest Numbers".
- Input Fields:**
 - "Enter array size:" with a value of 5.
 - "Enter array values separated by commas:" with a value of 1,4,5,7,19.
- Buttons:** A blue "Find" button.
- Output Area:** A light blue box containing the results:
 - Second Lowest Element: 4
 - Second Greatest Element: 7



Find Second Lowest and Second Greatest Numbers

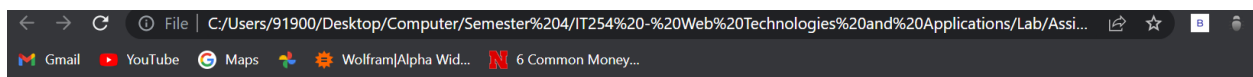
Enter array size:

Enter array values separated by commas:

Find

Array size does not match the given size!

2.



Dropdown List

Add Item:

Add

Remove Item:

Select item ▼

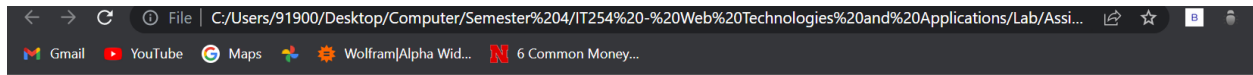
Remove

Current List:

item1

item2

item3



Dropdown List

Add Item:

Add

Remove Item:

Select item ▼

Select item

item1

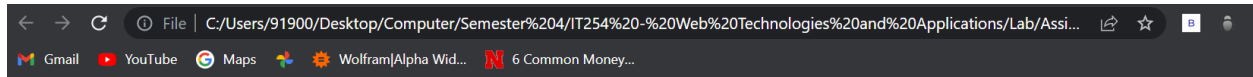
item2

item3

Current List:

| |
|-------|
| item1 |
| item2 |
| item3 |

3.



JavaScript Form Validation

First Name: **First Name is Mandatory!**

Last Name: **Last Name is Mandatory!**

Email: **Email is Mandatory!**

Phone Number: **Phone number should be of 10 digits!**

Username: **Username is Mandatory!**

Please ensure password contains atleast 6 characters, one capital letter, one number and one special character!

Password: **Password should contain atleast one uppercase letter!**

Please ensure password contains atleast 6 characters, one capital letter, one number and one special character!

Password:

Password should contain atleast one uppercase letter!

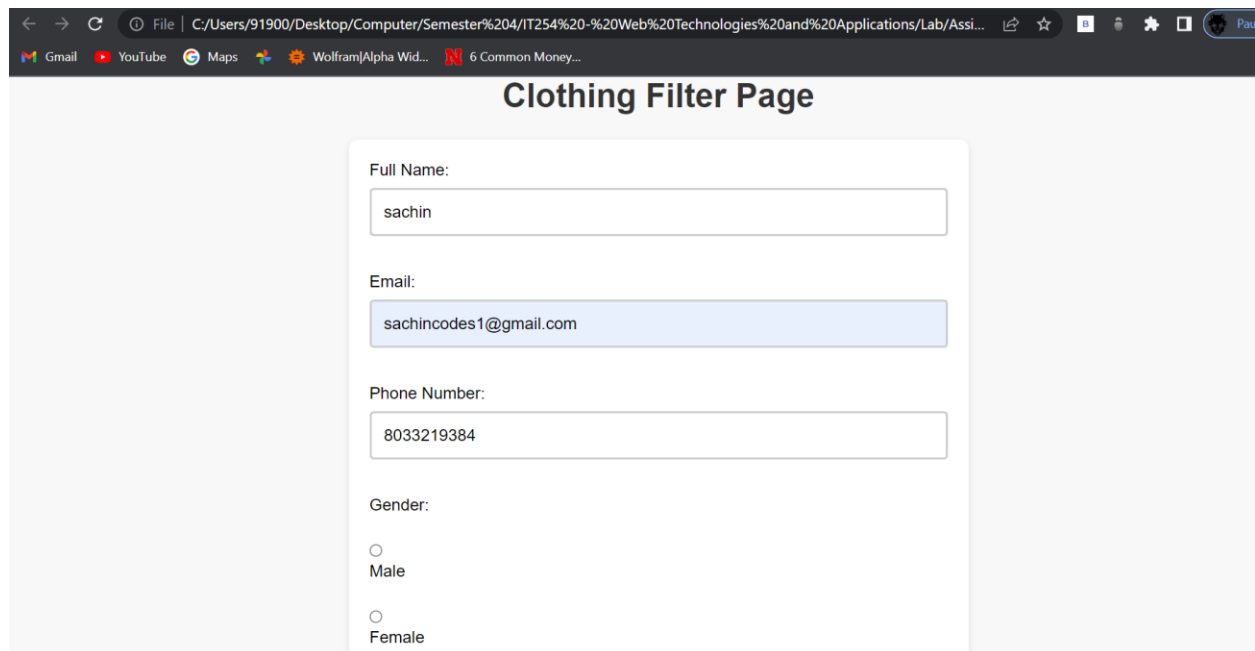
Confirm Password:

Password and Confirm password should match!

Submit

All the conditions are implemented and checked for validation.

4.



The screenshot shows a web browser window with the address bar displaying a file path. The page title is "Clothing Filter Page". The form contains the following fields:

- Full Name:
- Email:
- Phone Number:
- Gender:
☐ Male
☐ Female

Gender:

☒ Male

Select Type

Traditional

Pants

Shirts

T-Shirts

Select Type

Submit

☒ Male

☐ Female

Cloth Type:

Shirts

Color:

Select Color

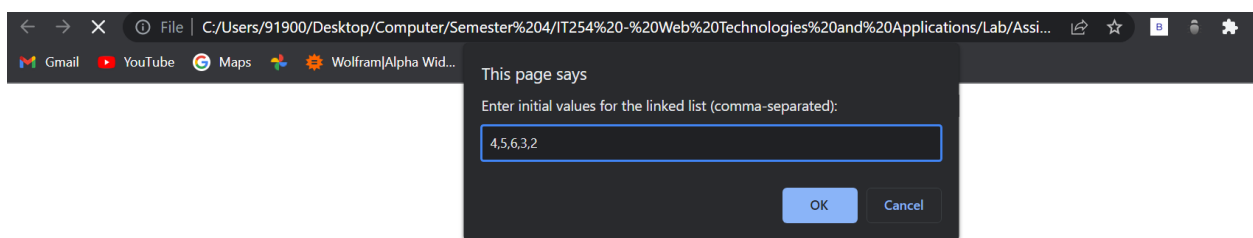
Select Color

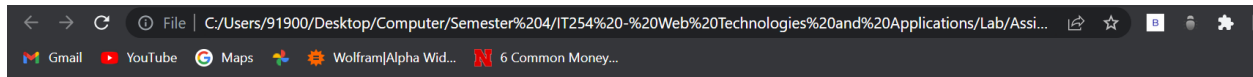
Black

White

Green

5.





Inserting Nodes in a Singly Linked List

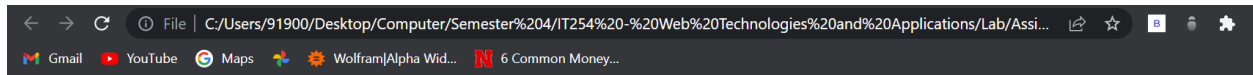
Enter position to insert node at:

Enter value for new node:

Insert Node

Result:

4 → 5 → 6 → 3 → 2



Inserting Nodes in a Singly Linked List

Enter position to insert node at:

Enter value for new node:

Insert Node

Result:

4 → 5 → 6 → 102 → 3 → 2

If an invalid position is entered, that is also alerted by the code.

Insert

This page says
Error: Invalid position entered!

OK

List

Enter position to insert node at:

42434

Enter value for new node:

33

Insert Node

Result:

4 → 5 → 6 → 102 → 3 → 2
