

1. C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W-2) Create a simple Mobile Website using jQuery Mobile.

cdn links:

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css)

["http://code.jquery.com/jquery-1.11.3.min.js"](http://code.jquery.com/jquery-1.11.3.min.js)

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js)

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2. C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W-3) Write a JavaScript Program to get the user registration data and push to

Array of api with AJAX POST method and list data.

Api: <https://jsonplaceholder.typicode.com/users>

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3. C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W-3) Write a JavaScript Program to get the user registration data and push to Array of api with AJAX POST method and list data.

Api: <https://jsonplaceholder.typicode.com/users>

---

4. C12) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, list all the files present in both the VMs.

W-3) Write a JavaScript Program to get the user registration data and push to Array of api with AJAX POST method and list data.

Api: <https://jsonplaceholder.typicode.com/users>

---

5. C12) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, list all the files present in both the VMs.

W-2) Create a simple Mobile Website using jQuery Mobile.

cdn links:

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css)

["http://code.jquery.com/jquery-1.11.3.min.js"](http://code.jquery.com/jquery-1.11.3.min.js)

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js)

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6. C13) Design and develop Apartment Rental Application using Sales-force Cloud. (Authentication, Listing of Sale / Rent Property: Property Type: 1/2/3 BHK, Cost/Rent, Area).

W-2) Create a simple Mobile Website using jQuery Mobile.

cdn links:

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css)

["http://code.jquery.com/jquery-1.11.3.min.js"](http://code.jquery.com/jquery-1.11.3.min.js)

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js)

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7. C14) Design and develop Student Management System using Salesforce Cloud.

W-2) Create a simple Mobile Website using jQuery Mobile.

cdn links:

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css)

["http://code.jquery.com/jquery-1.11.3.min.js"](http://code.jquery.com/jquery-1.11.3.min.js)

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js)

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8. C15) Design and develop Library Management System using Salesforce Cloud.

W-2) Create a simple Mobile Website using jQuery Mobile.

cdn links:

["http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css"](http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css)

"http://code.jquery.com/jquery-1.11.3.min.js"

"http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"

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9. C16) Design and develop Hostel Management System using Salesforce Cloud.

W-3) Write a JavaScript Program to get the user registration data and push to Array of api with AJAX POST method and list data.

Api: <https://jsonplaceholder.typicode.com/users>

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10. C8) Create a web-app which uses the weather API to forecast the weather by taking latitude, longitude <https://open-meteo.com/en/docs#api-documentation> .

Input : Correct Input , expected output: Proper location

Input: Incorrect Input, expected output: An err page showing proper error message and asking the user to fill in the correct input.

Validations:- Restrict users to enter only required digits. No alphabet should be accepted and displayed.

W-4) Create an Angular application which will do the following actions: Register User, Login User, Show User Data on Profile Component.

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11.C17) Design and deploy a web application in a PaaS environment.

W-1) Perform following tasks using nodejs, Expressjs and MongoDB.  
Following operation should be perform in Nodejs and Expressjs only.

- a) Create a Database called student.
- b) Create a collection called studentmarks
- c) Insert array of documents in above Collection. [Document have following field:  
Name, Roll\_No, WAD\_Marks, CC\_Marks,  
DSBDA\_Marks,CNS\_Marks,AI\_marks]
- d) Display total count of documents and List all the documents in browser.
- e) List the names of students who got more than 20 marks in DSBDA Subject in browser.
- f) Update the marks of Specified students by 10.
- g) List the names who got more than 25 marks in all subjects in browser.
- h) List the names who got less than 40 in both Maths and Science in browser.
- i) Remove specified student document from collection.
- j) Display the Students data in Browser in tabular format.

Name	Roll No	WAD	DSBDA	CNS	CC	AI
ABC	111	25	25	25	25	25

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12. C19) Deploy any of your WAD assignments from Github using AWS Amplify PaaS environment (This requires AWS account credentials).

W-5) Perform following tasks using nodejs, Expressjs and MongoDB.

Following operation should be perform in Nodejs and Expressjs only.

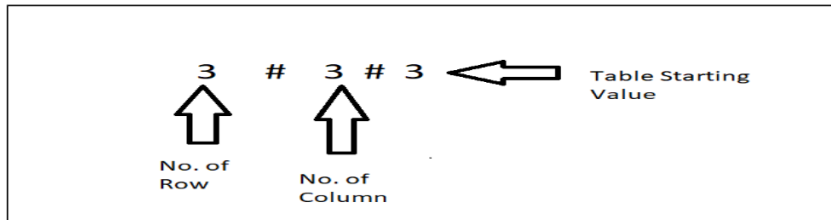
- a) Create a Database called music.
- b) Create a collection called songdetails
- c) Insert array of 5 song documents in above Collection. [Document have following field:  
Songname, Film, Music\_director, singer]
- d) Display total count of documents and List all the documents in browser.
- e) List specified Music Director songs.
- f) List specified Music Director songs sung by specified Singer
- g) Delete the song which you don't like.
- h) Add new song which is your favourite.
- i) List Songs sung by Specified Singer from specified film.
- j) Update the document by adding Actor and Actress name.
- k) Display the above data in Browser in tabular format.

Song Name	Film Name	Music Director	Singer	Actor	Actress
ABC	DEF	GHI	JKL	MNO	PQR

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### 13.C17) Design and deploy a web application in a PaaS environment.

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
9	12	15

2	3	4
4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

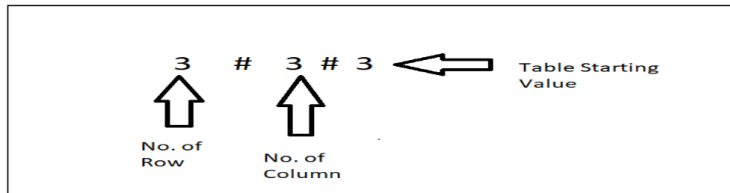
3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

# 14.C19) Deploy any of your WAD assignment from Github using AWS Amplify PaaS environment (This requires AWS account credentials).

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
9	12	15

2	3	4
4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

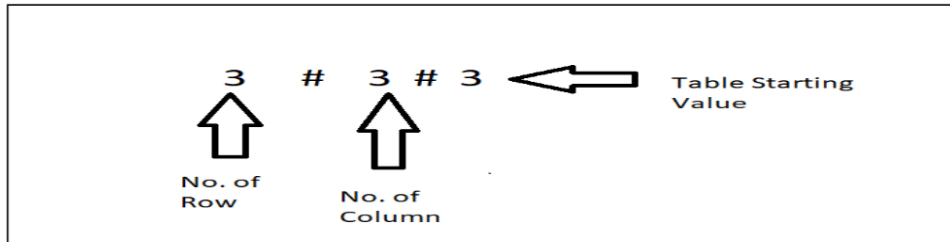
3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

15.C20) Find and implement procedure to launch ubuntu VM using AWS EC2

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
9	12	15

2	3	4
4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

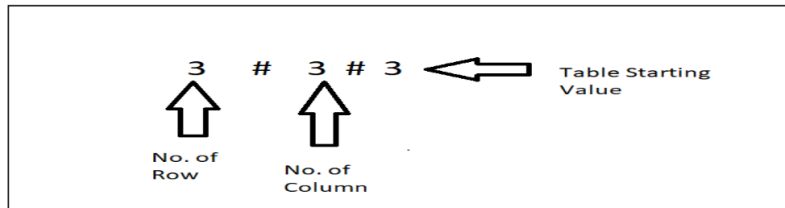
3	4	5
6	8	10
9	12	15



---

## 16.C21) Find and implement procedure to launch Red hat VM using AWS EC2

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
9	12	15

2	3	4
4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

3	4	5
6	8	10
9	12	15

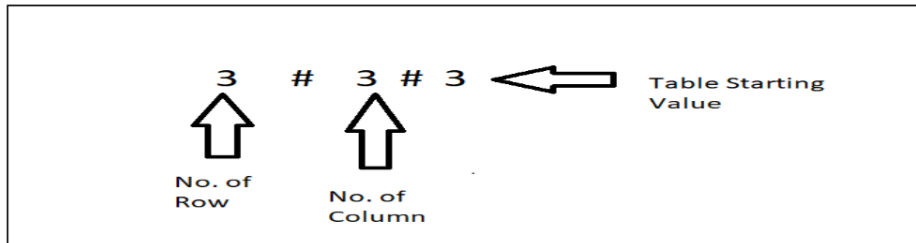
3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

---

17.C22) Find and implement procedure to launch any VM using AWS EC2

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
9	12	15

2	3	4
4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

18.C7) Create a web-app which takes the zip-code of the area, the name of the branch as input, and sends the nearest post-office details.  
<http://www.postalpincode.in/Api-Details>

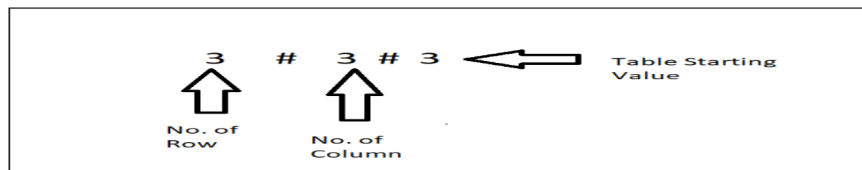
Input : Correct Pin-code , expected output: a welcome page

Input: Incorrect Pin-code, expected output : An error page showing proper error message and ask user to fill correct input.

Validations:-

Restrict users to enter only 6 digits. No alphabet should be displayed, and no 7th digit should be accepted.

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
 If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
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4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

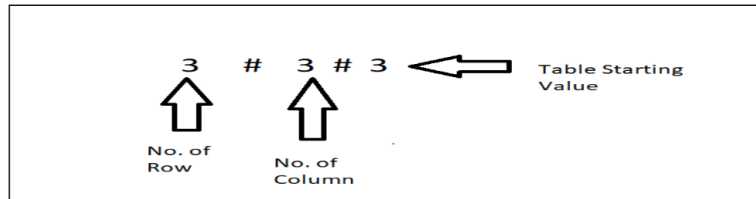
3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

19.C10) Use the following public API to create a web-app which searches the universities. GET [http://universities.hipolabs.com/search?name=\[name of the university\]](http://universities.hipolabs.com/search?name=[name of the university])

W-6) Create two input box and one button. In Input box you can provide input like 3#3#3 and 3#3#2



Create 2 Table having row and column mentioned in two different Input boxes  
If first No. of Row is same as second No. of Row and first No. of Column is same as second No. of Column, then show third table. The last no. which is present in input value.

Start Printing table vertically from that no.

3	4	5
6	8	10
9	12	15

2	3	4
4	6	8
6	9	12

If first cell value of first table is equal to first cell value of second table, then print same no. else print multiplication of both no. in Third Table.

In third table if any cell value repeats then give same background colour else give new one

6	12	20
24	48	80
54	144	180

Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

3	4	5
6	8	10
9	12	15

20.C1) Install Google App Engine. Create a hello world application using python/java.

W-10) Create Following form and facebook webpage:

User Form	
Enter Name	<input type="text"/>
Enter Password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> volleyball
Gender	<input type="radio"/> Male <input type="radio"/> Female
Select ur age	<input type="text" value="Select"/>
<input type="button" value="Choose File"/> No file chosen	
<input type="button" value="Click Me"/>	<input type="button" value="Reset"/> <input type="button" value="Submit Form"/>

file:///D:/child/febweb.html

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Email or Username  
  
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Facebook helps you connect and share with the people in your life.  
*interesting, engaging, fun, like-able content*



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Firstname

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☐ Male ☐ Female

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21.C2) Install Google App Engine. Create an application that prints your Name, seat number, department 5 times on separate lines using python/java. Make use of for loop

W-10) Create Following form and facebook webpage:

User Form	
Enter Name	<input type="text"/>
Enter Password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> volleyball
Gender	<input type="radio"/> Male <input type="radio"/> Female
Select ur age	<input type="text" value="Select"/>
Choose File	No file chosen
Click Me	Reset Submit Form

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Email or Username Password  
Email Password login  
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Facebook is useless without friends.  
Make More Friends.

Facebook helps you connect and share  
with the people in your life.  
interesting, engaging, fun, like-able content

Create an Account  
It's free and always will be.

Firstname Lastname  
Email  
Re-enter email  
Password  
dd/mm/yyyy

☐ Male ☐ Female

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our Terms.

Signup

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22. C3) Install Google App Engine. Create an application that prints your seat number, department 10 times on separate lines and using python/java. Make use of while loop.

W-10) Create Following form and facebook webpage:

User Form	
Enter Name	<input type="text"/>
Enter Password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> volleyball
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Select ur age	<input type="text" value="Select"/>
Choose File	No file chosen
Click Me	Reset Submit Form

file:///D:/child/febweb.html

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It's free and always will be.

Firstname Lastname  
Email  
Re-enter email  
Password  
dd/mm/yyyy

☐ Male ☐ Female

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23.C4) Install Google App Engine. Create an application to display the table of 5 using python/java. Make use of appropriate loop. Display the table in following format:

$$5 \times 1 = 5 \quad 5 \times 2 = 10$$

W-10) Create Following form and facebook webpage:

User Form	
Enter Name	<input type="text"/>
Enter Password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> volleyball
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Select ur age	<input type="text" value="Select"/>
Choose File	No file chosen
Click Me	Reset Submit Form

file:///D:/child/febweb.html

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Email Password login  
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interesting, engaging, fun, like-able content

Create an Account  
It's free and always will be.

Firstname Lastname  
Email  
Re-enter email  
Password  
dd/mm/yyyy  
☐ Male ☐ Female

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24.C5) Install Google App Engine. Create an application to display the table of 10 using python/java. Make use of appropriate loop. Display the table in following format

$$10 \times 1 = 10 \quad 10 \times 2 = 20$$

W-10) Create Following form and facebook webpage:

User Form	
Enter Name	<input type="text"/>
Enter Password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> volleyball
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Select ur age	<input type="text" value="Select"/>
Choose File	No file chosen
Click Me	Reset Submit Form

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Email or Username Password login

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Facebook is useless without friends.  
Make More Friends.

Facebook helps you connect and share  
with the people in your life.  
interesting, engaging, fun, like-able content

## Create an Account

It's free and always will be.

Firstname Lastname

Email

Re-enter email

Password

dd/mm/yyyy

☐ Male ☐ Female

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Signup

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25.C6) Install Google App Engine. Create an application to display the first 8 elements of the Fibonacci series using python/java

W-10) Create Following form and facebook webpage:

User Form	
Enter Name	<input type="text"/>
Enter Password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> volleyball
Gender	<input type="radio"/> Male <input type="radio"/> Female
Select ur age	<input type="text" value="Select"/>
<input type="button" value="Choose File"/> No file chosen	
<input type="button" value="Click Me"/>	<input type="button" value="Reset"/> <input type="button" value="Submit Form"/>

file:///D:/child/febweb.html

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☐ Keep me logged in

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Facebook is useless without friends.  
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interesting, engaging, fun, like-able content



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It's free and always will be.

☐ Male ☐ Female

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26.C1) Install Google App Engine. Create a hello world application using python/java.

W9) Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- A title
- Three or more types of headings
- Some paragraphs
- One or more ordered lists
- One or more unordered lists
- One Or More Tables
- Some line-breaks
- Some horizontal lines
- Some comments
- Various text styles: bold, italic, strike-through, underline

Make sure that the file is reasonable large: 2-3 screen worth at least. (You can add dummy content if you wish).

- View the above HTML file on a browser, using a URL such as:
  - <http://localhost/index.html> OR double click on html file.
  - Now create some internal bookmarks and links using the "name=xyz" property and "href=#xyz".  
Type the URLs for these internal bookmarks directly onto the browser.
  - Now split your webpage into multiple HTML files, or equivalently create more HTML files. For example, you may have a separate HTML file describing your interests or educational background. Provide links from the main index.html to these other HTML files. Provide also some links to external websites (e.g. google).
  - Now move all the HTML files to another directory. Your links should still work (they should be relative links).
  - Embed one or more images in any of the HTML files. The images should reside within a sub-directory called "images".
  - Now include some of the earlier styles in the "style" tag of the HTML "head" section, instead of marking the styles in individual HTML tag elements.
  - Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.
-

27. C2) Install Google App Engine. Create an application that prints your Name, seat number, department 5 times on separate lines using python/java. Make use of for loop

W9) Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- A title
- Three or more types of headings
- Some paragraphs
- One or more ordered lists
- One or more unordered lists
- One Or More Tables
- Some line-breaks
- Some horizontal lines
- Some comments
- Various text styles: bold, italic, strike-through, underline

Make sure that the file is reasonable large: 2-3 screen worth at least. (You can add dummy content if you wish).

- View the above HTML file on a browser, using a URL such as:
- <http://localhost/index.html> OR double click on html file.
- Now create some internal bookmarks and links using the "name=xyz" property and "href=#xyz".

Type the URLs for these internal bookmarks directly onto the browser.

- Now split your webpage into multiple HTML files, or equivalently create more HTML files. For example, you may have a separate HTML file describing your interests or educational background.

Provide links from the main index.html to these other HTML files. Provide also some links to external websites (e.g. google).

- Now move all the HTML files to another directory. Your links should still work (they should be relative links).
  - Embed one or more images in any of the HTML files. The images should reside within a sub-directory called "images".
  - Now include some of the earlier styles in the "style" tag of the HTML "head" section, instead of marking the styles in individual HTML tag elements.
  - Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.
-

28.C3) Install Google App Engine. Create an application that prints your seat number, department 10 times on separate lines and using python/java. Make use of while loop.

W9) Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- A title
- Three or more types of headings
- Some paragraphs
- One or more ordered lists
- One or more unordered lists
- One Or More Tables
- Some line-breaks
- Some horizontal lines
- Some comments
- Various text styles: bold, italic, strike-through, underline

Make sure that the file is reasonable large: 2-3 screen worth at least. (You can add dummy content if you wish).

- View the above HTML file on a browser, using a URL such as:
  - <http://localhost/index.html> OR double click on html file.
  - Now create some internal bookmarks and links using the "name=xyz" property and "href=#xyz".  
Type the URLs for these internal bookmarks directly onto the browser.
  - Now split your webpage into multiple HTML files, or equivalently create more HTML files. For example, you may have a separate HTML file describing your interests or educational background.  
Provide links from the main index.html to these other HTML files. Provide also some links to external websites (e.g. google).
  - Now move all the HTML files to another directory. Your links should still work (they should be relative links).
  - Embed one or more images in any of the HTML files. The images should reside within a sub-directory called "images".
  - Now include some of the earlier styles in the "style" tag of the HTML "head" section, instead of marking the styles in individual HTML tag elements.
  - Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.
-

29.C4) Install Google App Engine. Create an application to display the table of 5 using python/java. Make use of appropriate loop. Display the table in following format:

5x1=5 5 x 2 = 10

W9) Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- A title
- Three or more types of headings
- Some paragraphs
- One or more ordered lists
- One or more unordered lists
- One Or More Tables
- Some line-breaks
- Some horizontal lines
- Some comments
- Various text styles: bold, italic, strike-through, underline

Make sure that the file is reasonable large: 2-3 screen worth at least. (You can add dummy content if you wish).

- View the above HTML file on a browser, using a URL such as:
  - <http://localhost/index.html> OR double click on html file.
  - Learn to look at the HTML source from the browser window.
  - Now create some internal bookmarks and links using the "name=xyz" property and "href=#xyz".  
Type the URLs for these internal bookmarks directly onto the browser.
  - Now move all the HTML files to another directory. Your links should still work (they should be relative links).
  - Now include some styles within HTML tag elements. For example: table border, cell background, link colour, text colour, background colour, list style, text font, etc.
  - Now include some of the earlier styles in the "style" tag of the HTML "head" section, instead of marking the styles in individual HTML tag elements.
  - Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.
-

30.C5) Install Google App Engine. Create an application to display the table of 10 using python/java. Make use of appropriate loop. Display the table in following format

10 x 1 = 10 10 x 2 = 20

W9) Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- A title
- Three or more types of headings
- Some paragraphs
- One or more ordered lists
- One or more unordered lists
- One Or More Tables
- Some line-breaks
- Some horizontal lines
- Some comments
- Various text styles: bold, italic, strike-through, underline

Make sure that the file is reasonable large: 2-3 screen worth at least. (You can add dummy content if you wish).

- View the above HTML file on a browser, using a URL such as:
- <http://localhost/index.html> OR double click on html file.
- Learn to look at the HTML source from the browser window.
- Now create some internal bookmarks and links using the "name=xyz" property and "href=#xyz".  
Type the URLs for these internal bookmarks directly onto the browser.
- Now move all the HTML files to another directory. Your links should still work (they should be relative links).
- Now include some styles within HTML tag elements. For example: table border, cell background, link colour, text colour, background colour, list style, text font, etc.
- Now include some of the earlier styles in the "style" tag of the HTML "head" section, instead of marking the styles in individual HTML tag elements.
- Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.

---

31.C6) Install Google App Engine. Create an application to display the first 8 elements of the Fibonacci series using python/java

W9) Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- A title
- Three or more types of headings
- Some paragraphs
- One or more ordered lists
- One or more unordered lists
- One Or More Tables
- Some line-breaks
- Some horizontal lines
- Some comments
- Various text styles: bold, italic, strike-through, underline

Make sure that the file is reasonable large: 2-3 screen worth at least. (You can add dummy content if you wish).

- View the above HTML file on a browser, using a URL such as:
  - <http://localhost/index.html> OR double click on html file.
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  - Now create some internal bookmarks and links using the "name=xyz" property and "href=#xyz".  
Type the URLs for these internal bookmarks directly onto the browser.
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  - Now include some of the earlier styles in the "style" tag of the HTML "head" section, instead of marking the styles in individual HTML tag elements.
  - Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.
-



32.C1) Install Google App Engine. Create hello world application using python/java.

W-8) Use the Bootstrap grids classes to create this webpage with a sidebar and main content:

### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

## Wild & Wacky Vegetables

Kale courgette salsify mustard broccoli seakale wakame potato fava bean tigernut leek celery spinach avocado cabbage celtuce rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion. Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

Mung bean quandong kale prairie turnip celery gram zucchini pumpkin green bean silver beet chard endive komatsuna eggplant kakadu plum radish broccoli. Arugula amaranth fennel wakame peanut garlic chickweed. Sorrel jicama quandong kale chickpea water chestnut rock melon aubergine lettuce pea azuki bean cress onion sea lettuce dandelion nori dulse rutabaga. Coriander napa cabbage bok choy carrot kakadu plum brussels sprout bamboo shoot salad okra cucumber garlic kombu beet greens cauliflower summer purslane. Artichoke daikon horseradish arugula taro catsear kombu rock melon pea sprouts collard greens mustard courgette lettuce soko maize plantain.

- Use the Bootstrap content CSS classes to add a quote, table, and image thumbnails to the page.

### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

## Wild & Wacky Vegetables

The beet is the most intense of vegetables. The radish, admittedly, is more feverish, but the fire of the radish is a cold fire, the fire of discontent not of passion. Tomatoes are lusty enough, yet there runs through tomatoes an undercurrent of frivolity. Beets are deadly serious.

Tom Robbins

### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis

Kale courgette salsify mustard broccoli seakale wakame potato fava bean tigernut leek celery spinach avocado cabbage celtuce rutabaga kohlrabi. Parsnip pea soko groundnut bitterleaf spring onion. Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

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- Use the Bootstrap components classes to add an alert, search form to the page.

### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

Uh oh! Have you had your daily dose of veggies today??

## Wild & Wacky Vegetables

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Tom Robbins

### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis



#### Beets

Careful not to get your hands dirty.



#### Carrots

Not sticks, can motivate.



#### Asparagus

Spears, spears, spears.

### Really informative info

Kale courgette salsify mustard broccoli seakale wakame potato fava bean tigernut leek celery spinach avocado cabbage celtuce rutabaga kohlrabi. Parsnip pea soko groundnut bitterleaf spring onion. Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

play around with adding more components or styling!

33.C2) Install Google App Engine. Create an application that prints your Name, seat number, department 5 times on separate lines using python/java. Make use of for loop

W-8) Use the Bootstrap grids classes to create this webpage with a sidebar and main content:

### Some Favorites

[Celery Root](#)  
[Spaghetti Squash](#)  
[Killer Mushrooms](#)

## Wild & Wacky Vegetables

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- Use the Bootstrap content CSS classes to add a quote, table, and image thumbnails to the page.

### Some Favorites

[Celery Root](#)  
[Spaghetti Squash](#)  
[Killer Mushrooms](#)

## Wild & Wacky Vegetables

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Tom Robbins

### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis

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- Use the Bootstrap components classes to add an alert, search form to the page.

### Some Favorites

[Celery Root](#)  
[Spaghetti Squash](#)  
[Killer Mushrooms](#)

Uh oh! Have you had your daily dose of veggies today??

## Wild & Wacky Vegetables

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Tom Robbins

### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis



**Beets**

Careful not to get your hands dirty.

**Carrots**

Not sticks, can motivate.

**Asparagus**

Spears, spears, spears.

### Really informative info

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage celtuce rutabaga kohlrabi. Parsnip pea soko groundnut bitterleaf spring onion. Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root. Mung bean quandong kale prairie turnip celery gram zucchini pumpkin green bean silver beet chard endive komatsuna eggplant kakadu plum radish broccoli. Arugula amaranth fennel wakame peanut garlic chickweed. Sorrel jicama quandong kale chickpea water chestnut rock melon aubergine lettuce pea azuki bean cress onion sea lettuce dandelion nori dulse rutabaga. Coriander napa cabbage bok choy carrot kakadu plum brussels sprout bamboo shoot salad okra cucumber garlic kombu beet greens cauliflower summer purslane. Artichoke daikon horseradish arugula taro catsear kombu rock melon pea sprouts collard greens mustard courgette lettuce soko maize plantain.

play around with adding more components or styling!

34.C3) Install Google App Engine. Create an application that prints your seat number, department 10 times on separate lines and using python/java. Make use of while loop.

W-8) Use the Bootstrap grids classes to create this webpage with a sidebar and main content:

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

#### Wild & Wacky Vegetables

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- Use the Bootstrap content CSS classes to add a quote, table, and image thumbnails to the page.

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

#### Wild & Wacky Vegetables

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Tom Robbins

#### Some diseases

Veggie	Disease
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- Use the Bootstrap components classes to add an alert, search form to the page.

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

Uh oh! Have you had your daily dose of veggies today??

#### Wild & Wacky Vegetables

The beet is the most intense of vegetables. The radish, admittedly, is more feverish, but the fire of the radish is a cold fire, the fire of discontent not of passion. Tomatoes are lusty enough, yet there runs through tomatoes an undercurrent of frivolity. Beets are deadly serious.

Tom Robbins

#### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis



Beets

Careful not to get your hands dirty.

Carrots

Not sticks, can motivate.

Asparagus

Spears, spears, spears.

#### Really informative info

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage celtuce rutabaga

play around with adding more components or styling!

35.C4) Install Google App Engine. Create an application to display the table of 5 using python/java. Make use of appropriate loop. Display the table in following format:

$$s5x1=5 \quad 5 \times 2 = 10$$

W-8) Use the Bootstrap grids classes to create this webpage with a sidebar and main content:

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

### Wild & Wacky Vegetables

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage colliflow rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

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- Use the Bootstrap content CSS classes to add a quote, table, and image thumbnails to the page.

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

### Wild & Wacky Vegetables

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Tom Robbins

#### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis

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- Use the Bootstrap components classes to add an alert, search form to the page.

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Uh oh! Have you had your daily dose of veggies today??

### Wild & Wacky Vegetables

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Tom Robbins

#### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis



Beets

Careful not to get your hands dirty.

Carrots

Not sticks, can motivate.

Asparagus

Spears, spears, spears.

#### Really informative info

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage colliflow rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

play around with adding more components or styling!



36.C5) Install Google App Engine. Create an application to display the table of 10 using python/java. Make use of appropriate loop. Display the table in following format

$$10 \times 1 = 10 \quad 10 \times 2 = 20$$

W-8) Use the Bootstrap grids classes to create this webpage with a sidebar and main content:

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

### Wild & Wacky Vegetables

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage colliflow rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

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- Use the Bootstrap content CSS classes to add a quote, table, and image thumbnails to the page.

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

### Wild & Wacky Vegetables

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Tom Robbins

#### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage colliflow rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

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- Use the Bootstrap components classes to add an alert, search form to the page.

#### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Uh oh! Have you had your daily dose of veggies today??

### Wild & Wacky Vegetables

The beet is the most intense of vegetables. The radish, admittedly, is more feverish, but the fire of the radish is a cold fire, the fire of discontent not of passion. Tomatoes are lusty enough, yet there runs through tomatoes an undercurrent of frivolity. Beets are deadly serious.

Tom Robbins

#### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis



**Beets**  
Careful not to get your hands dirty.

**Carrots**  
Not sticks, can motivate.

**Asparagus**  
Spears, spears, spears.

#### Really informative info

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage colliflow rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

play around with adding more components or styling!

## 37.C6) Install Google App Engine. Create an application to display the first 8 elements of the Fibonacci series using python/java

W-8) Use the Bootstrap grids classes to create this webpage with a sidebar and main content:

### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

## Wild & Wacky Vegetables

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage celluface rutabaga kohlrabi Parsnip pea soko groundnut bitterleaf spring onion. Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

Mung bean quandong kale prairie turnip celery gram zucchini pumpkin green bean silver beet chard endive komatsuna eggplant kakadu plum radish broccoli. Arugula amaranth fennel wakame peanut garlic chickweed. Sorrel jicama quandong kale chickpea water chestnut rock melon aubergine lettuce pea azuki bean cress onion sea lettuce dandelion nori dulse rutabaga. Coriander napa cabbage bok choy carrot kakadu plum brussels sprout bamboo shoot salad okra cucumber garlic kombu beet greens cauliflower summer purslane. Artichoke daikon horseradish arugula taro catsear kombu rock melon pea sprouts collard greens mustard courgette lettuce soko maize plantain.

- Use the Bootstrap content CSS classes to add a quote, table, and image thumbnails to the page.

### Some Favorites

Celery Root  
Spaghetti Squash  
Killer Mushrooms

Search Recipes

## Wild & Wacky Vegetables

The beet is the most intense of vegetables. The radish, admittedly, is more feverish, but the fire of the radish is a cold fire, the fire of discontent not of passion. Tomatoes are lusty enough, yet there runs through tomatoes an undercurrent of frivolity. Beets are deadly serious.

Tom Robbins

### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis

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- Use the Bootstrap components classes to add an alert, search form to the page.

### Some Favorites

Celery Root  
Spaghetti Squash  
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Search Recipes

Uh oh! Have you had your daily dose of veggies today??

## Wild & Wacky Vegetables

The beet is the most intense of vegetables. The radish, admittedly, is more feverish, but the fire of the radish is a cold fire, the fire of discontent not of passion. Tomatoes are lusty enough, yet there runs through tomatoes an undercurrent of frivolity. Beets are deadly serious.

Tom Robbins

### Some diseases

Veggie	Disease
Beets	Beeturia
Carrots	Carotenosis



Beets

Careful not to get your hands dirty.

Carrots

Not sticks, can motivate.

Asparagus

Spears, spears, spears.

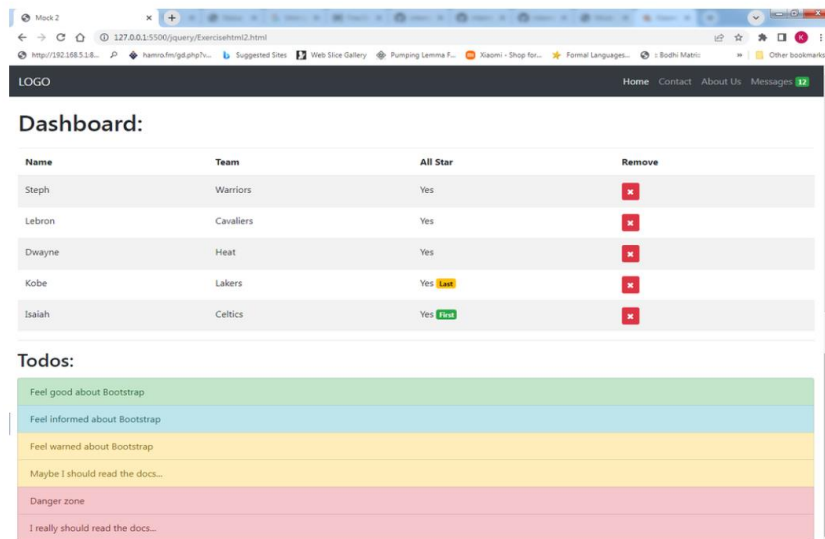
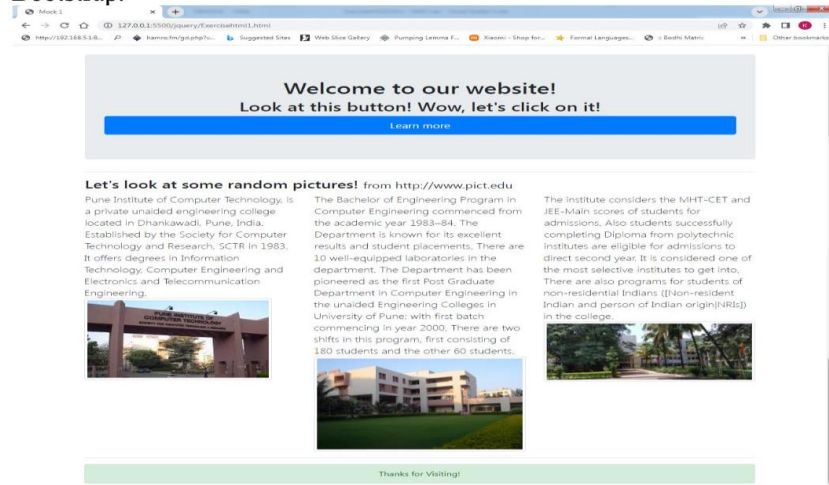
### Really informative info

Kale courgette salsify mustard broccoli sea kale wakame potato fava bean tigernut leek celery spinach avocado cabbage celluface rutabaga kohlrabi. Parsnip pea soko groundnut bitterleaf spring onion. Grape dulse rutabaga lentil gram kakadu plum water spinach cabbage lotus root.

play around with adding more components or styling!

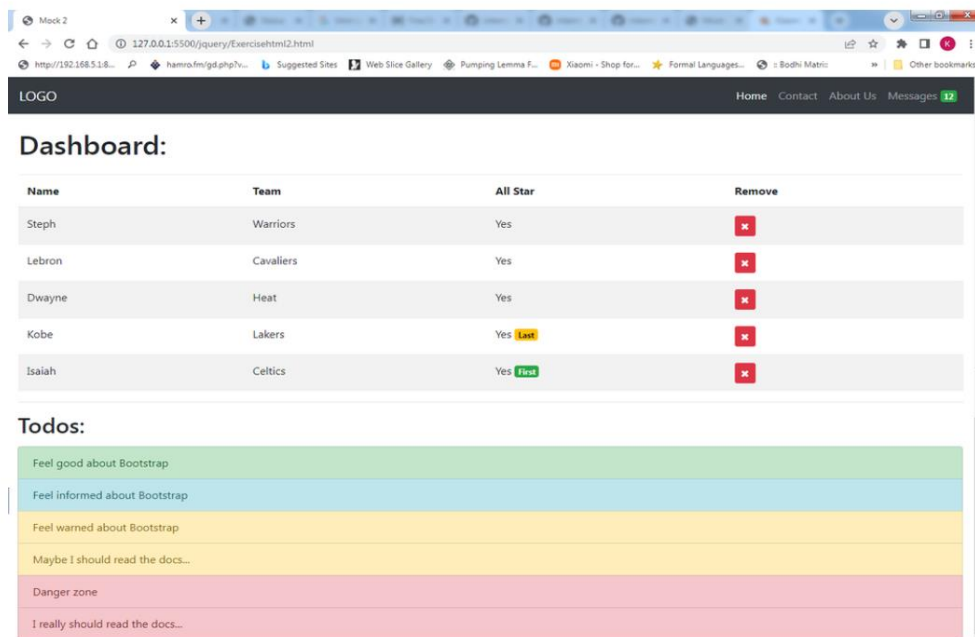
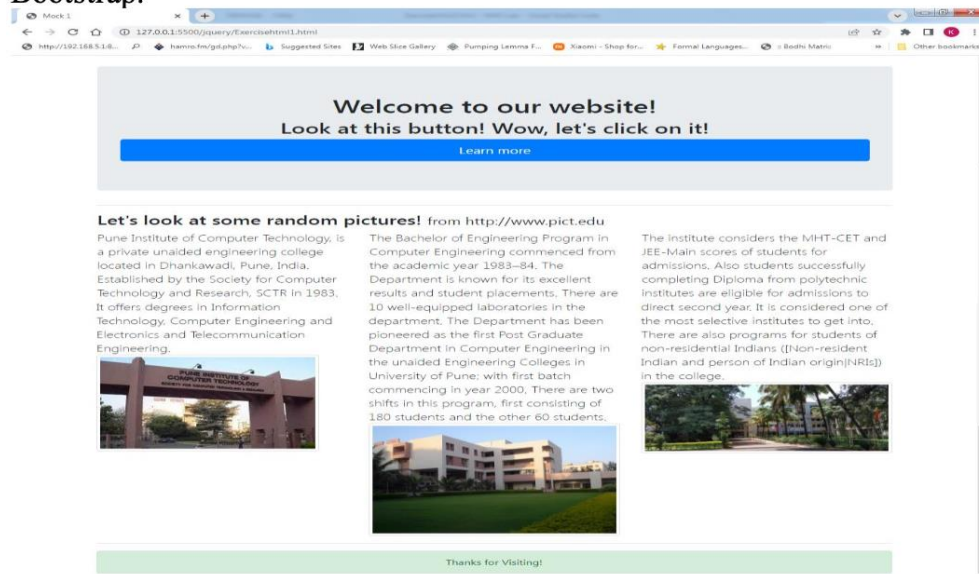
38.C1) Install Google App Engine. Create hello world application using python/java.

W-7) Design the following Responsive websites using HTML, CSS and Bootstrap.



39.C2) Install Google App Engine. Create an application that prints your Name, seat number, department 5 times on separate lines using python/java. Make use of for loop

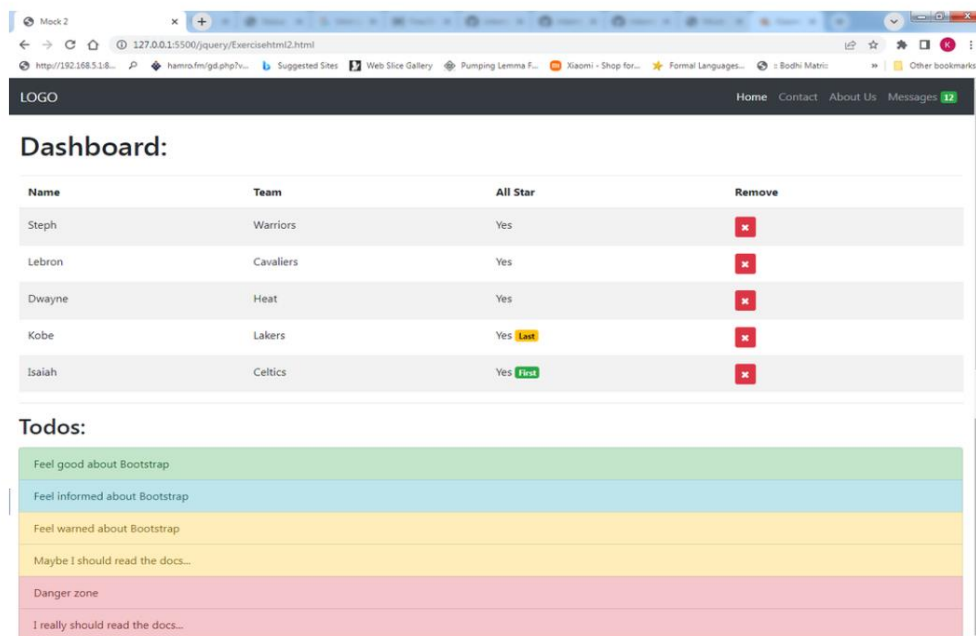
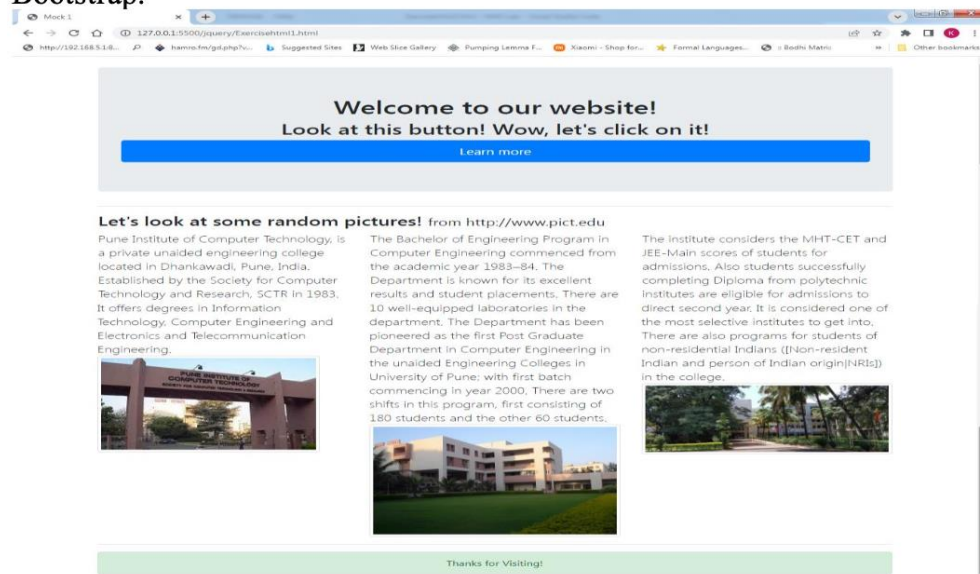
W-7) Design the following Responsive websites using HTML, CSS and Bootstrap.





40.C3) Install Google App Engine. Create an application that prints your seat number, department 10 times on separate lines and using python/java. Make use of while loop.

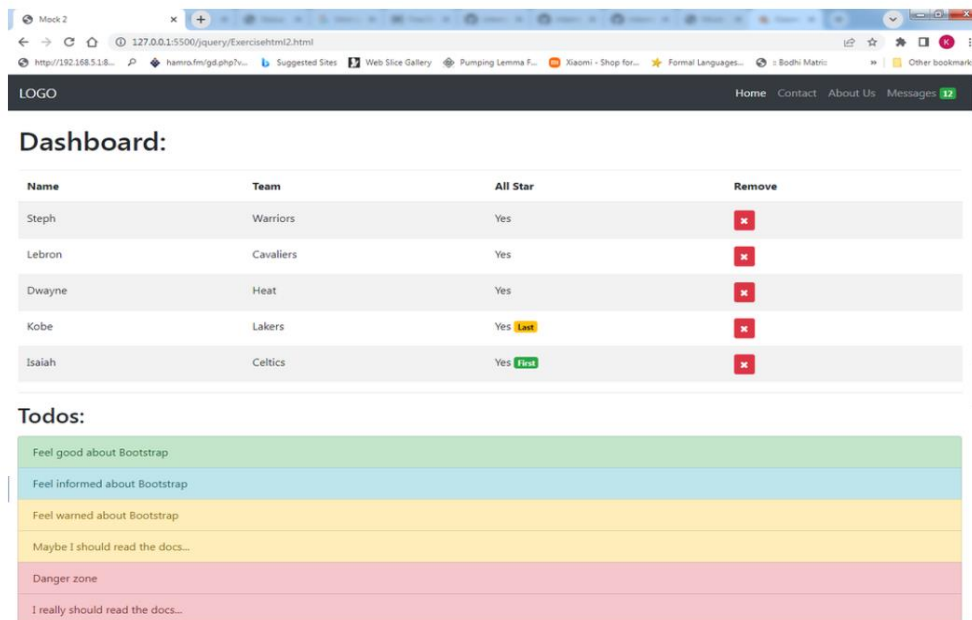
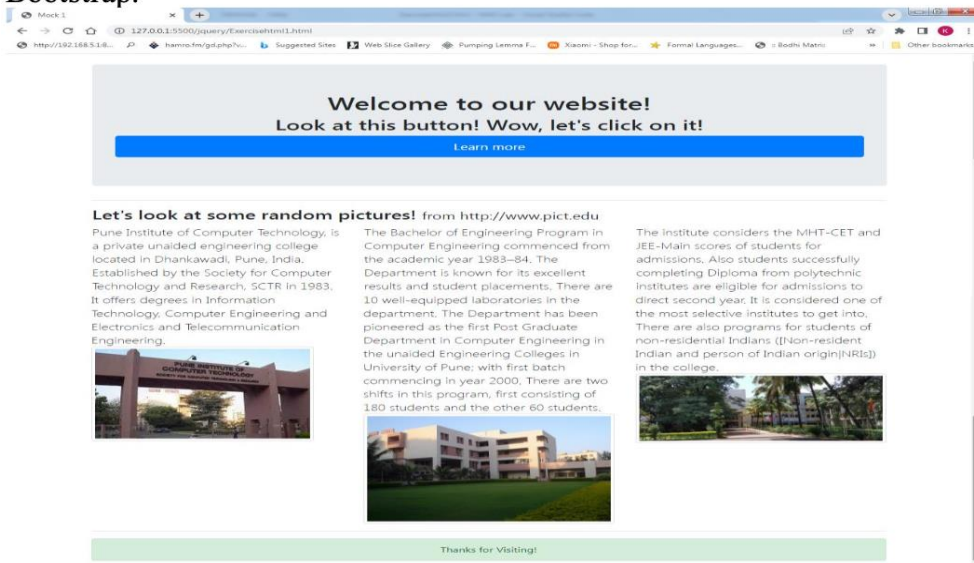
W-7) Design the following Responsive websites using HTML, CSS and Bootstrap.



41. C4) Install Google App Engine. Create an application to display the table of 5 using python/java. Make use of appropriate loop. Display the table in following format:

$$5 \times 1 = 5 \quad 5 \times 2 = 10$$

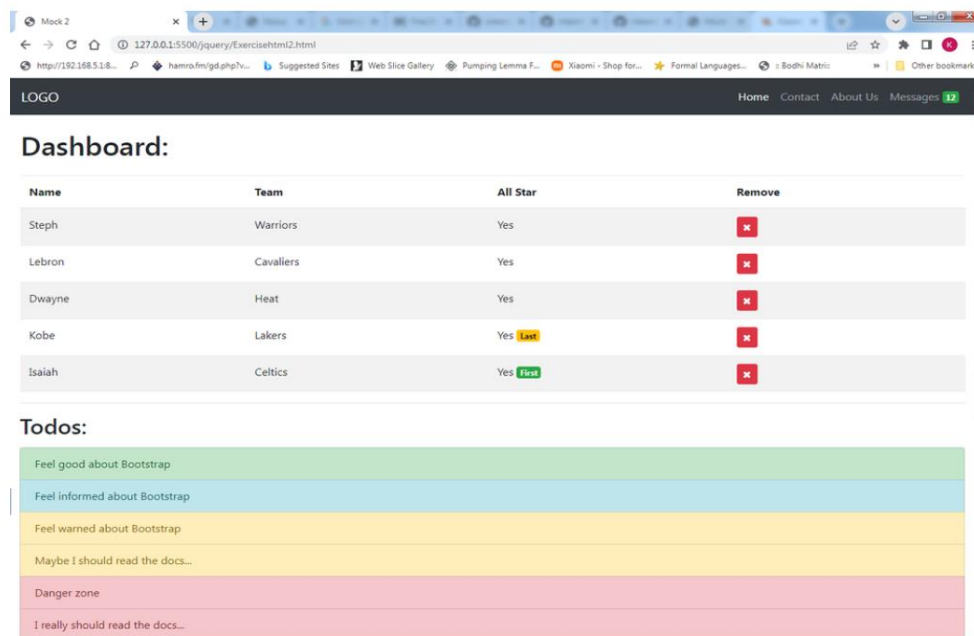
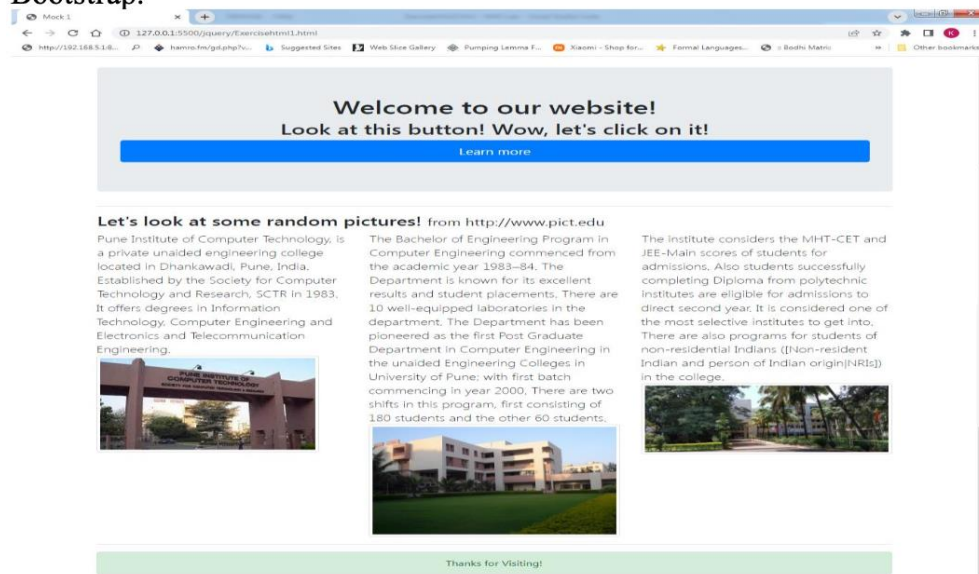
W-7) Design the following Responsive websites using HTML, CSS and Bootstrap.



42. C5) Install Google App Engine. Create an application to display the table of 10 using python/java. Make use of appropriate loop. Display the table in following format

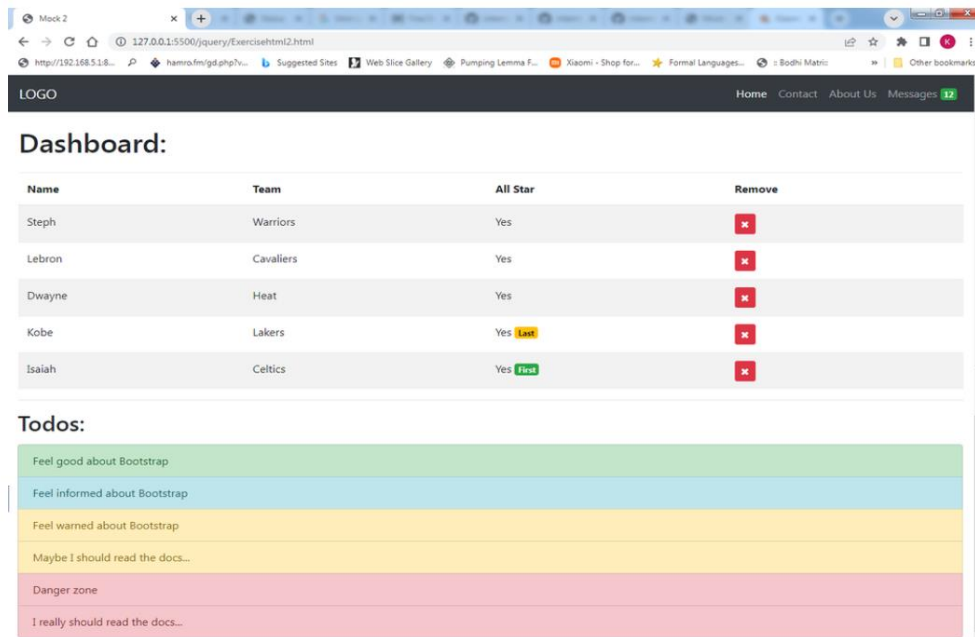
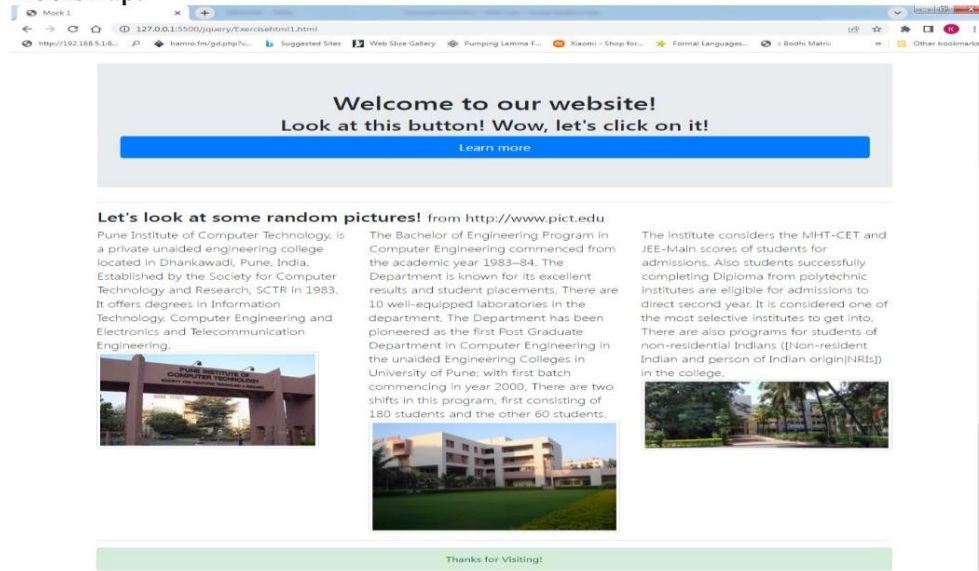
$$10 \times 1 = 10 \quad 10 \times 2 = 20$$

W-7) Design the following Responsive websites using HTML, CSS and Bootstrap.



43.C6) Install Google App Engine. Create an application to display the first 8 elements of the Fibonacci series using python/java

W-7) Design the following Responsive websites using HTML, CSS and Bootstrap.



44.C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W11. Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

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45. C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W12. Create Docker Container Environment (NVIDIA Docker or any other).

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46.C8) Create a web-app which uses the weather API to forecast the weather by taking latitude, longitude <https://open-meteo.com/en/docs#api-documentation> .

Input : Correct Input , expected output: Proper location

Input: Incorrect Input, expected output: An err page showing proper error message and asking the user to fill in the correct input.

Validations:- Restrict users to enter only required digits. No alphabet should be accepted and displayed.

W11) Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

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47.C8) Create a web-app which uses the weather API to forecast the weather by taking latitude, longitude <https://open-meteo.com/en/docs#api-documentation> .

Input : Correct Input , expected output: Proper location

Input: Incorrect Input, expected output: An err page showing proper error message and asking the user to fill in the correct input.

Validations:- Restrict users to enter only required digits. No alphabet should be accepted and displayed.

W12. Create Docker Container Environment (NVIDIA Docker or any other).

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48.C6) Install Google App Engine. Create an application to display the first “n” (where n is an input from the user) elements of the Fibonacci series using python/java.

W11) Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

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45. C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W11. Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

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45. C11) Find a procedure to transfer two text files from one virtual machine to another virtual machine. Also, add some text in the file and display it before and after transfer on both the VMs.

W12. Create Docker Container Environment (NVIDIA Docker or any other).

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49.C8) Create a web-app which uses the weather API to forecast the weather by taking latitude, longitude <https://open-meteo.com/en/docs#api-documentation> .

Input : Correct Input , expected output: Proper location

Input: Incorrect Input, expected output: An err page showing proper error message and asking the user to fill in the correct input.

Validations:- Restrict users to enter only required digits. No alphabet should be accepted and displayed.

W11) Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

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50.C6) Install Google App Engine. Create an application to display the first “n” (where n is an input from the user) elements of the Fibonacci series using python/java.

W11) Create a version control account on GitHub and use Git commands to create a repository and push your code to GitHub.

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