

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

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

W-3) Create a Node.JS Application which serves a static website for applications like **Art Gallery (pinterest) or restaurant** or any other application.

W-4) Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page.

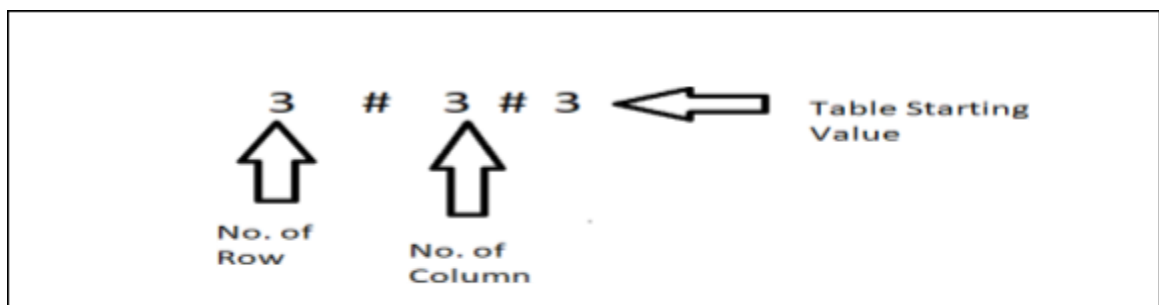
W-5) Create an Angular application for **Course Enrollment System** where the process begins with Registration of User followed by User Login. Once the process is done User Data is displayed on Profile Component

W-6) Perform following tasks using nodejs, Expressjs and MongoDB. Following operation should be perform in Nodejs and Expressjs only.

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

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

W-7) 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
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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

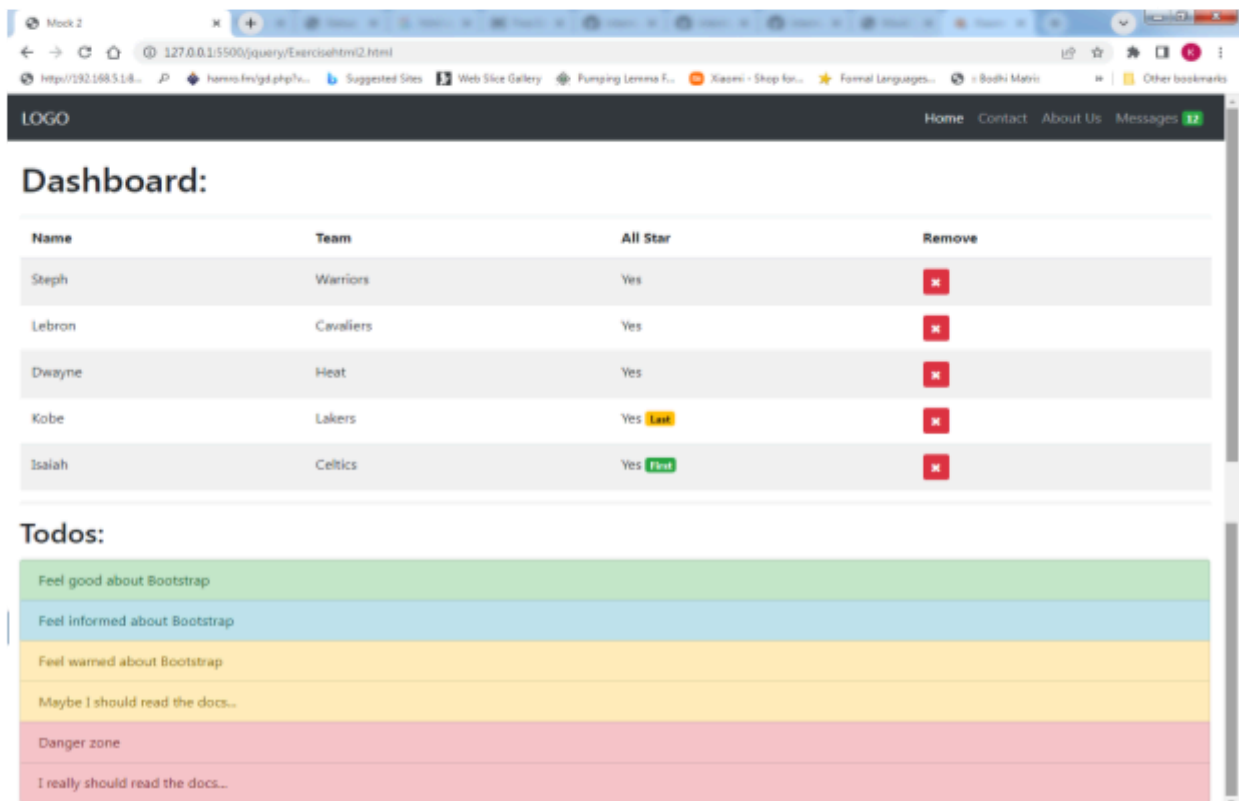
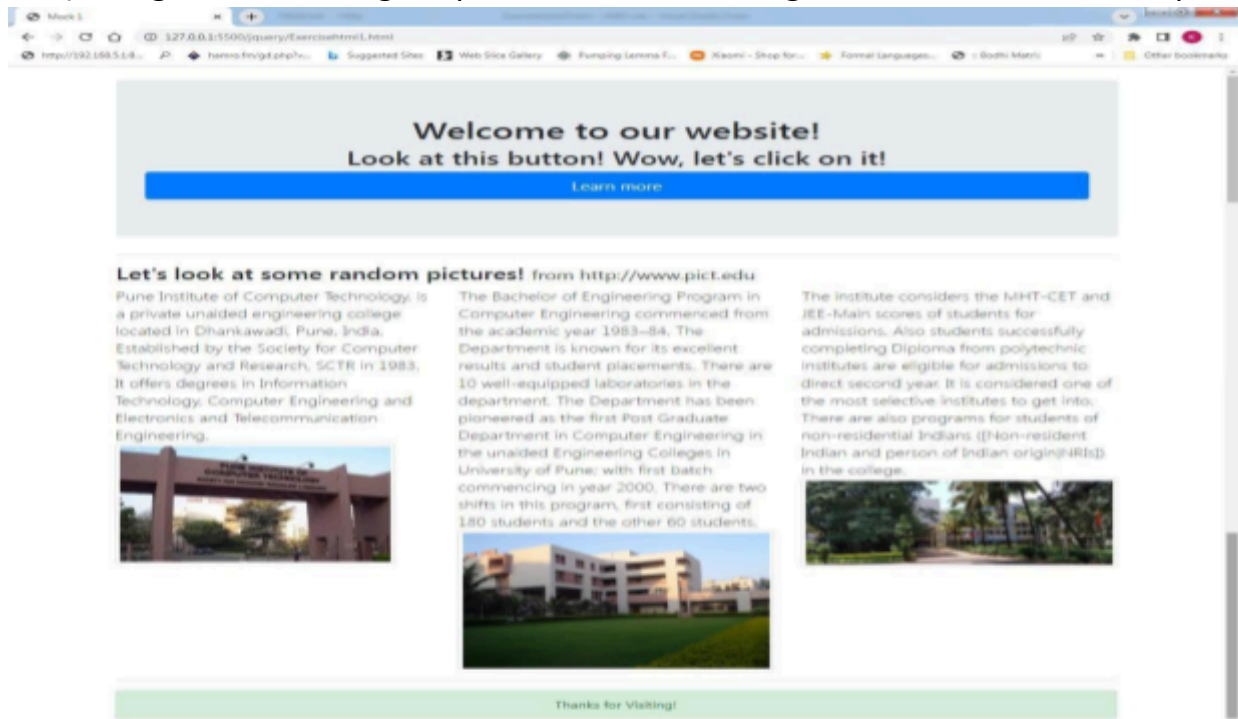
Example 2. In Input box you can provide input like 3#3#3 and 3#3#3

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

W-8) Design the following Responsive websites using HTML, CSS and Bootstrap.



W-9) 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 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](#)

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

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 broccolini sea kale wakame rutabaga fava bean fingerhut bask celery spinach aubergine kohlrabi celtuce nitahana

play around with adding more components or styling!

W-10) 1. Create your own webpage using HTML, CSS and Bootstrap called "index.html". It should have:

- a. A title and with three or more types of headings
- b. Some paragraphs
- c. One or more ordered and unordered lists
- d. One or more tables
- e. Some line-breaks
- f. Some horizontal lines
- g. Some comments
- h. 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).

2. View the above HTML file on a browser, using a URL such as:
3. <http://localhost/index.html> OR double click on html file.
4. Learn to look at the HTML source from the browser window.
5. 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.
6. 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).
7. Now move all the HTML files to another directory. Your links should still work (they should be relative links).
8. Embed one or more images in any of the HTML files. The images should reside within a sub-directory called "images".
9. 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.
10. 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.
11. Now have a separate css file for the above styles, so that the same can be included in multiple HTML files.
12. Insert some special characters such as &, <, >, etc. in your HTML file..

W-11) Create a responsive web page for **College website** with top navbar and display toppers data statistics (year wise) in card using HTML, CSS and Bootstrap.

W-12) 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

facebook

Email or Username Password

Email Password login

Keep me logged in Forgotten my password!

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

By clicking create an account, you agree to
our Terms.

Signup

Create a page for you.

W-13) Create a simple Mobile Website using jQuery Mobile for our college Pune Institute of Computer Technology(PICT).

