

- 1) div - use for grouping and structuring block-level content.
- Span - use for inline styling within larger blocks of text.
- 2) inline elements - do not create a new block. they flow within the content . e.g. - , .
- Block - those create a block on the page . e.g., <p>, <div>

Lect 1Task - 1

- 1) Create following table

S.No.	Name	Subject	Tests
1	Aman	OS	10 30
2	Swraj	HTML	15 20
3	Anway	Node JS	30 40
4	Isavjit	React JS	60 70

Apply all the box model properties to the table the colour of the subject header will be yellow . color of S.No. is Teal . Color of the name will be orange . and colour of the Cols will be grey.

b5

SN.	Class	Floor
1	K22PA	
2	K22PA	9 th Floor
3	K22PA	

c)

Task .

Create a webpage which includes a heading with the name of your. There should be a introduction paragraph about yourself. then you have to link that paragraph with the skill you mention in paragraph and then add your image on the webpage

Task -2 . — To upload .

i) Create a sign up form on the same webpage from class (task c) .

parameters - Name, Password, confirm Pass, Email, phone no., DOB, submit button.

Validations

- inner text . x .
- inner Html ✓ . e.g. It should not be null.

Task - home -

Create a input field and a button that input field will be for uploading. The file should not be more than 4MB. if the file more than 4MB it should generate the error message.

Task - class -

Previous from top to bottom.
blank should be removed after three img. is completed

Task - home -

Create Two variables first value is 100 . Second value is 0 you have to throw a exception . Number cannot be divided by zero.

Task - 2 home -

Create a function in side script initialise variable a and b with some value and use exception handling method in which you are trying to display the value of c variable which is neither declare nor created. define.

J-S Timing events -

SetTimeout() method -

setclearTimeout() method.

SetInterval() method.

clearInterval() method,

Week 3

upload in class.

Task - 1

Create two buttons. First button text would be start and second button text would be stop. When you click on start button it will display the current time (00:00:00 format) and when you click second button, it will stop the timings [use JS Timings events as per your requirement].

Task - 2

Create a js event in which you have to use setTimeout function to stop the timing after 4 sec. and then after 4 sec an alert which displays which displays your name.

Task - 3

Create three rectangle boxes and create three buttons below rectangle boxes (mapped as Red, yellow, Green). When you click on Red button, color of 2 and 3 boxes will be changed to Green & yellow. When you click on Green, then 1 and 3rd boxes' color will be changed to Red & yellow vice-versa.

Task 4

Insert an img. of alayabatt in your code. When you click on img. the information about alayabatt will be open and also write one Quotation about newton. When you click on quotation then newton image will be displayed.

Week 4.

Date: |

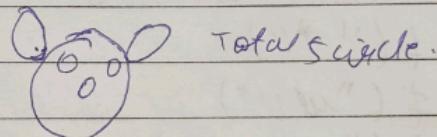
Page: |

upload.

Task 1. a) Create 4 functions called add, subtract, division, multiplication and also create 4 buttons use addEventListner and make a basic calculator

Task 1 - b) Create div, one paragraph, h1, h2, h3, h4 by using .createElement appendChild() Tant content properties in javascript make sure your div will be a square box and all the element will be in box.

Task 2 ^{in class}: Create a mickey mouse.



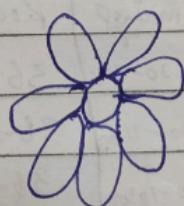
Total 5 circle.

and Create 2 button when you click on 1st button eyes should be black and on second button face change to skin color.

Ex: click on ear 1 color of other ear should change.

and on click on nose face color change.

Task - create a flower



When we click on center the color of center ^{note} should be fill.. and then when we click again one by one leaves colour should also fill. (use eventListener).

Unit - 3 -

J - Query -
Basic syntax of J - Query -

```
$ (document).ready(function () {
    -
    -
    -
});
```

Benefits :
increase coding speed.

Advance Selectors :

<code>\$('*')</code>	<code>\$("p:first")</code>
<code>\$("ul li")</code>	<code>\$("p:last")</code>
<code>\$(".abc, .xyz")</code>	<code>\$("li:even")</code>

Task - 1

Q. Create a table in which date sheet of mid term will be displayed. You have to apply

3 - color - yellow

Datesheet		
Subject	Timings	Room No.
OS	9:30 - 10:00	36-916
GENAI	10:30 - 11:00	36-916
DAA	11:00 - 12:00	36-916

color: orange

→ border on Table margin.

Task - 2.

- 2.9 Demonstrate the usage of 15 Selectors.
apply .css background color, color, border, padding on the 15 Selectors.
- 2.10 Add one image when you apply the mouseenter event on the image then image will be hidden.

⇒ Formevents -

- ↳ focus → on a particular
- ↳ blur
- ↳ change
- ↳ select
- ↳ submit..

Q. Task. — When you click on submit button in
formevents console my name should display there.
 and disappear..

OR.

print a pattern.

```

  1
  1 2
  1 2 3
  1 2 3 4

```

⇒ Windowevents.

- ↳ scroll
- ↳ resize
- ↳ load] — they are obsolete.
- ↳ unload.

~~Task 5~~ Create one form which is having a input field of text, password, radio button, checkbox, and textarea and then button.

In every input field you have to pass some value

`$(document).ready(function() {`

~~Task 6~~ Append & prepend.

```
<body>
<p id="p">Hello...</p>
<h1 id="h1">hi...</h1>
<input type="submit" id="btn1"> button</input>
```

~~Task 7~~ `<script>`

`$(document).ready(function() {`

`{`

`$("button").click(function() {`

`{`

`$("p").prepend("Good morning");`

`});`

`});`

~~Task 8~~

Inside div create 3 paragraph. and then create a two button.

~~Task 9~~

Create, Div, Inay, span tag inside a div then outside div you have to create two button whenever you are clicking first on the button the content inside the div will be vanish and when on second button div should vanish

Talk to upload in week 6 -

Demonstrate the use of show, hide, animate, fadein, fadeto, slidetdown, slideToggle., .stop,

UNIT 4

Bootstrap

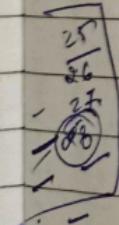
- Layout
 - ↳ Typography
- Navigation menu
- Grid layout
- Buttons.
- Pagination.
- Icon fonts.

Bootstrap.con.

Download -



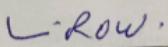
Source CDN via jsDelivr



Container.



Column



Row.

Table! Create 4 columns for respective 5 row.

#	Date	Event	Token no.	Description

The border of the container class will be 2px
border orange.

Q. week - 10 - 1

Task management.
4 week 10.

Task - Q.

Create a customize web application for real estate business, swiggy, McDonald, Meesha.

You are flexible. To create a front page of any of the given portals using bootstrap.

Bootstrap customization.

Setup.

npm install bootstrap

npm install sass

optional npm init.

- sass main.scss main.css

node modules.

4 SCSS -

+ bootstrap.css - right click copy, as path

Q Create a customise application ^{of blinkit}, using of SASS.

→ cd K221A - enter
ng serve enter.

* TypeScript.

Q Week 11.

Create a typescript.

in which you have to create a class with your name inside that class you have to create a method. that will display the addition of / division/multiplicat.

Q Create a function with with the name demo that will display prime no. then create another func. with name sample. that will display natural no.

To
as compare to .

Week 13

you need to create a new project in which Standalone should be disable.
make component with your surname and create a template driven form having -
Name, pass, conf pass, Email and then you have to apply the suitable validations.

Week-14

Create a user service using dependency injection and include .CRUD operation either on form or and include CRUD operation any of crud operations (get, post, delete).

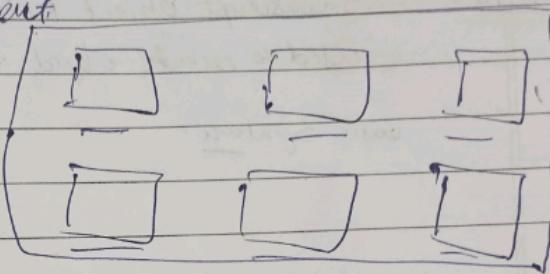
Hint - [in the course teacher name you have to pass first and last name of teacher]

Unit - 4.

Task 2.2

Create 6 thumbnail images (bootstrap img class) and below every img there will be a text that define the name of the img.

img output



Size of img should be same.

- img of 6 famous scientist or last 6 p.m of India.

Task 3.9

Create your portfolio page

Home skills Services about

about of
myself

Related
img.

List - skills.

: C++
: Python

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Week 8 - To upload.

Roll No. 31 to 40 - Quiz related to Bootstrap basic.

10 questions:

41 to 50 - Quiz related to O.S.

51 to 60 - " " to Java,

61 to 70 - " " " to mental health.

Basic page replacement process.

Page replacement.

classmate

Date _____
Page _____

week 5 = Create an image and a button. The image would be of anyabhatt and a button name will be table and factorial. Whenever you are applying addeventlist on the button the image of anyabhatt will disappear at that place table will be displayed and when you click second time table should disappear and factorial should display.

SON. → Javascript Object Notation.

used to create object under script tag

basic syntax

week 7 - 1.a - Create an array that contains the subject that you are learning in this sem then you have to display the $\$m$ element of array

A E I .

A, D, E, G, I, R, N, N, R, T, V

and if 0^{th} element is OS then replace it with PBMS and then display.

week 7 - to upload -

display the 5th element of array
and if 0th element is OS
then replace it with PBMS
and then display.

Week 7 - to upload -

Create an object Student in which you have to write the keys as name, subjects, attendance, subjects. You have to create array of subjects where the key will be subjectname and courseteachername considering course teacher as a nested array then you have to display the subjectname and corresponding teachername.