

`git clone <repository URL>`

Syntaxes of some git commands:

`git config - global user.name " [username]"`

`git config - global user.email [email address]`

`git init` = to start git in your Project.

`git add (file name)`= adds the name of the particular file you want to commit in the staging area.

`git commit -m "first commit"`

`git clone (repository name)`= to copy an existing repository in another location to the current location.

`git push (remote storage name)`= to upload/push files from the local repository/storage to another storage.

`git rm (filename)` = to remove a file from a working repository

`git branch` = to check the current branch you are working on, either main or master

- Get familiar with version control, git and GitHub

- Create your own repository and project folder structure

SOURCE CODE

Git commands:-

`echo '# lab' >> README.md`

`git init`

`git add README.md`

~~`git commit -m "first commit"`~~

`git branch -m main`

`git remote add origin "`

```

"https://github.com/prajwal-gunnala/lab1
git push -u origin main
git remote add origin "https://github.com/
prajwal-gunnala/lab1.git"
git branch -m main
git push, -u, origin main
code.

```

<html>

<head>

<title> Git Program </title>

</head>

<body>

<h1> Welcome to GitHub </h1>

<p> GitHub allows multiple developers to work on a single project at same time </p>

~~~~

<br>

<video

src = "light--18702.mp4"

height = "350" width = "600"

Controls autoplay muted > <video>

```

<br>
<video src="file-example_WAV_IMG.wav" height="350" width="600" controls autoplay muted></video>

```

<br>

<audio>

```

src="file-example_WAV_IMG.wav" height="100" width="300"

```

Controls <audio>

</body>

</html>

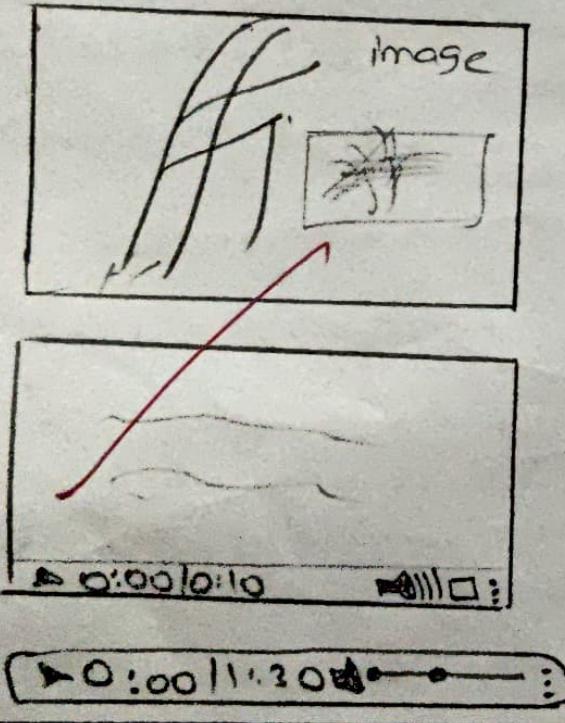
source of file

OUTPUT

○ Github X ⊕ - □ X  
← → ⌂ File | C:\Users\lab3\Desktop\2280107330 ]:

Welcome to Git and Github

Github is a developer platform that allows developer to create, store manage and share their code.



**VIVA QUESTIONS**

1. What is git?

Ans. Git is a DevOps tool used for source code management. It is a free and open-source version control system used to handle small to very large project efficiently.

2. What is the difference between git and github?

Ans. Git is a free open source version control tool that developers install locally on their personal computers, while Github is a pay for use online service built to run Git in the cloud.

3. What are the benefits of version control system?

Ans. The version control system helps manage the source code for software team by keeping track of all the code modifications.

4. What is a repository in Git?

Ans. A git repository is a central storage location for managing and tracking changes in files and directories.

5. What is the difference between git pull and git fetch?

Ans. git pull copies changes from a remote repository directly in to your working directory while git fetch does not.

Log  
28/2/23

## Experiment-2

Date: 6/3/24.

### AIM

Write the HTML, CSS and javascript code using bootstrap template for describing containers.

### PROCEDURE

Step-1: Include Bootstrap 4 from a CDN

Step-2: Use a <div> element with class .jumbotron to create a jumbotron:

Step-3: Use the .container class to create a responsive, fixed-width container.

Step-4: Use the .col class on a specified number of elements, use three- column elements which gets a width of 33.33% each

### SOURCE CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Document </title>
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css" integrity="sha384-B0vP5xmNuQDcjrrV3mRjIEBp9yLRZjCPqfXN1t4m8vxyiXzKg93WxqU5Ck" crossorigin="anonymous">

```

net /npm /bootstrap@4.0.0 /dist /css /bootstrap.min.css" integrity="sha384-Gn5384XgQ1ao0KA;+  
 05" crossorigin="anonymous".  
 <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js" />  
 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js" />  
 </head>  
 <body>  
 <div class="jumbotron text-center">  
 <h1 contenteditable> My first page using  
 Bootstrap! </h1> <h3 contenteditable="true">  
 Tagline <h3> <div>  
 <div class="container">  
 <div class="row">  
 <div class="col-sm-3">  
 <h2> Column 1 </h2>  
 <p> Curious which components explicitly require  
 jQuery or JavaScript </p>.  
 </div>  
 <div class="col-sm-3">  
 <h2> Column 2 </h2>

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 3 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 4 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 5 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 6 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 7 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 8 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 9 </h2>
  </div>

```

• **<p>** Curious which components explicitly require jQuery our JavaScript **</p>**

```

<div>
  <div class="col-sm-3">
    <h2> Column 10 </h2>
  </div>

```

## OUTPUT

```
(Document) File /c/Users/tcb-330/Desktop/7330
My FIRST PAGE
USING BOOTSTRAP
Tag Line
column1 column2 column3 column4
helloworld helloworld helloworld helloworld
```

~~(Document) File /c/Users/tcb-330/Desktop/7330~~

PRAJWAL GONNALA  
22F01A7330@cmrhyderabad.edu.in

| column1    | column2    | column3    | column4    |
|------------|------------|------------|------------|
| helloworld | helloworld | helloworld | helloworld |

**VIVA QUESTIONS**

1. What is bootstrap grid system?

Ans. Bootstrap grid system is a powerful layout format that allows you to create flexible and responsive web page layouts.

2. Could you explain how to use the dropdown plug-in in bootstrap?

- Ans.
- 1) Wrap the toggle element
  - 2) Add the toggle class
  - 3) Create the Dropdown menu
  - 4) Dropdown items.

3. Name some CSS style components?

Ans. 1) style components

background colours, padding, border, colour, margin, border-radius etc,

4. What is image map in HTML5?

Ans. An image map in HTML-5 allows you to create click areas as an image. Those areas can be linked to different web pages

5. What is <Div> tag?

Ans. The <div> tag defines a division or a section in an HTML documents. It serves as a container for other HTML document elements

6. What is SVG stands for?

Ans. SVG stands for Scalable Vector Graphics. It is an XML-based vector image format used for defining 2D-graphics on web.

7. What are the two types of web storage in HTML5?

Ans. ~~The two types of web storage in HTML5 are~~  
~~1) local storage: used for long-term storage.~~  
~~2) session storage: used for short-term storage.~~

Komal  
B/3/24

## Experiment-4

Date: 13/3/24

### AIM

Write jquery code to show the website slider.

### PROCEDURE

Step-1: Include bootstrap.min.css, jquery.min.js, bootstrap.min.js in <head> Section

Step-2: Create outermost <div> with id="myCarousel" class="carousel slide" data-ride="carousel"

Step-3: Add Indicators

Step-4: Add Wrapper for slides

Step-5: Add Left and right controls Step 6: Add Captions to Slides

### SOURCE CODE

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```

<title> webs; </title>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css"/>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js">
</script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <div id="myCarousel" class="carousel slide">
    <ol class="carousel-indicators">
      <li class="item1 active"></li>
      <li class="item2"></li>
      <li class="item3"></li>
    </ol>
    <div class="carousel-inner" role="listitem">
      <div class="item active">
        
      </div>
    </div>
  </div>
</div>

```

```

</div>
<div class="item">
    
</div>
<div class="item">
    
</div> </div>
<a class="left carousel-control" href="#myCarousel" role="button">
    <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
</a>
<a class="right carousel-control" href="#myCarousel" role="button">
    <span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
</a>
<script>
    $(document).ready(function() {
        $('#myCarousel').carousel()
        $('#.item').click(function() {
            $('#myCarousel').carousel(0); y)
        })
    })

```

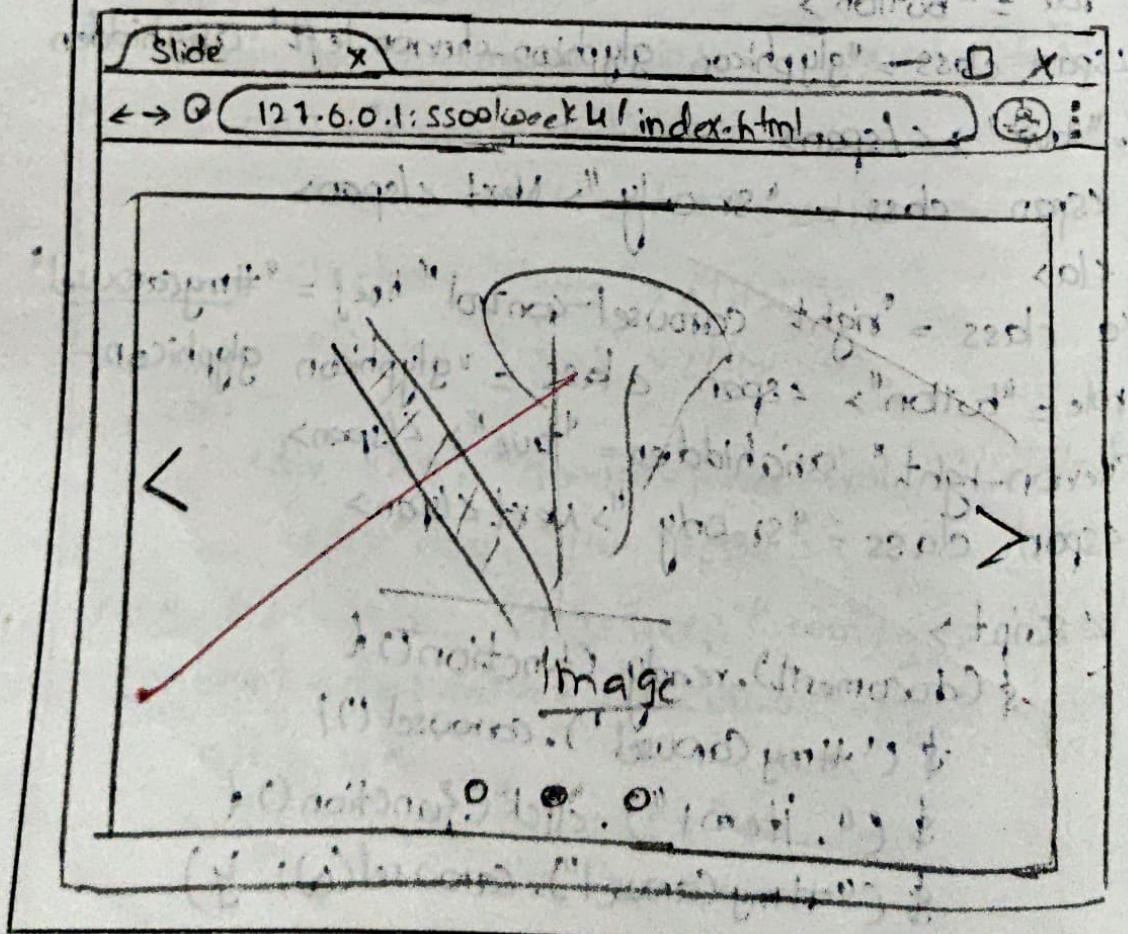
## OUTPUT

```

$ ('.item3').click(function() {
    $ ('#myCarousel').carousel('next'); y
})
$ ('.left').click(function() {
    $ ('#myCarousel').carousel('prev');
    y
})
$ ('.right').click(function() {
    $ ('#myCarousel').carousel('next');
    y
})
</script>
</body>
</html>

```

Output:



### VIVA QUESTIONS

1. What are the jQuery methods used to provide effects?

Ans. animate(), clearqueue(), delay(), dequeue(),  
fadeIn(), fadeOut(), fadeTo(), fadeToggle()  
finish() hide() queue() show()  
slideshow() slideToggle() slideUp() toggle()

2. Why do we use jQuery?

Ans. JQuery is lightweight Javascript library. It is used  
to make it much easier to use JavaScript  
on your website. It makes things like HTML  
document traversal and manipulation

3. What are the basic selectors in jQuery?

Ans. iQuery allows one to select and manipulate  
HTML element(s). These selectors are used to  
"find" (or select HTML) elements based on their  
name, id, classes, types, attributes, value of attributes etc

4. What is the use of jQuery load method?

Ans. The load() method loads data from a server  
and puts the returned data into selected  
element. Also a jQuery event method called  
load which depends on parameters

5. Is it possible that jQuery HTML work for both HTML and XML document?

Ans. ~~No~~ Yes, iQuery can work with both HTML and  
XML documents. JQuery javascript library is best  
known for its use working with HTML, but we  
can also use it to process XML.

**VIVA QUESTIONS**

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