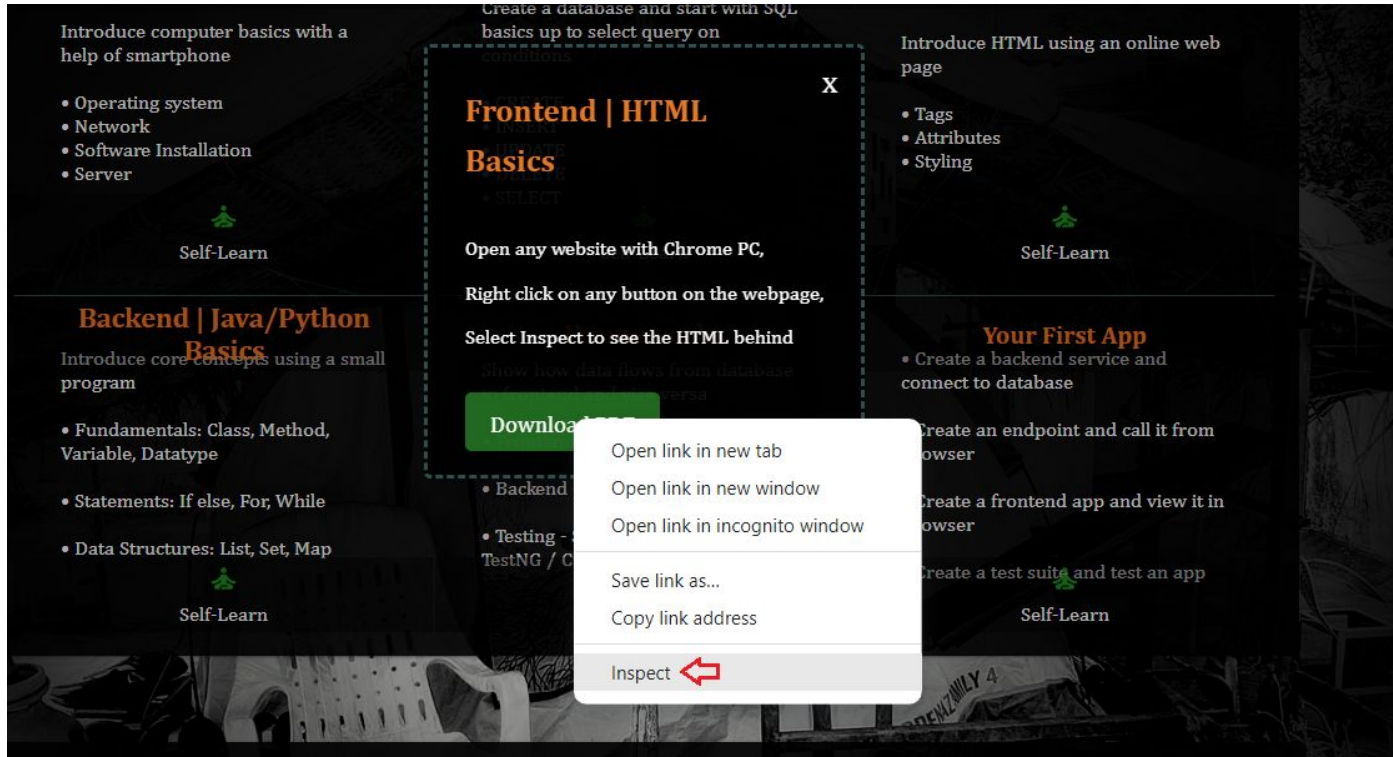


**You downloaded this document
clicking on an HTML button**

Understanding the HTML basics

Open the site in Chrome PC - www.vibranthive.in/roadmap and inspect the 'Download PDF' button by right clicking on it.



Any modification on the HTML tags and Styling will be reflected immediately. Play with it.

ROADMAP

WEB-PAGE

Database | SQL Basics

Create a database and start with SQL basics up to select query on conditions

Frontend | HTML Basics

Introduce HTML using an online web page

- Tags
- Attributes
- Styling

Self-Learn

Frontend | HTML Basics

Open any website with Chrome PC, Right click on any button on the webpage, Select Inspect to see the HTML behind

92.74 x 16.8

Download PDF

- Backend - Spring Boot / Django
- Testing - Selenium / Cypress / TestNG / Cucumber

Self-Learn

Your First App

- Create a backend service and connect to database
- Create an endpoint and call it from browser
- Create a frontend app and view it in browser
- Create a test suite and test an app

Self-Learn

HTML TAGS

```
<div _ngcontent-muc-c124 mat-dialog-content dialog"></div>
<div _ngcontent-muc-c124 mat-dialog-actions">
  <flex>
    <button _ngcontent-muc-c124 mat-button mat-button-base ng-style="background-color: rgba(34, 139, 34, 0.7);">
      <span class="mat-button-wrapper">
        <a _ngcontent-muc-c124 style="text-decoration: none; color: white; font-weight: bold;" href="#" download="youDownloadedThisDocument.pdf" href="#">
          <span mat-ripple class="mat-ripple" reflect-disabled="false" ng-reflex="true" reflect-trigger="object HTMLButton">
            <span class="mat-button-focus-overlay"></span>
          </button>
        <!--bindings-->
          "ng-reflect-ng-if": "youDownloadedThisDocument.pdf"
        </span>
      </a>
    </span>
  </flex>
</div>
```

STYLING

```
.mat-button .mat-button-wrapper>*, .mat-flat-button .mat-button-wrapper>*, .mat-stroked-button .mat-button-wrapper>*, .mat-icon-button .mat-button-wrapper>*, .mat-mini-fab .mat-button-wrapper> {
  vertical-align: middle;
}
a {
  color: white;
```

Use Arrow Buttons or Mouse to select any element which get highlighted with more clarity on its size & position.

The screenshot shows a web page with a dark background and a grid layout. A Chrome DevTools overlay is visible on the left side, showing the 'Inspect' tool. The selected element is a blue box with the text 'Frontend | HTML Basics'. The overlay shows the element's bounding box as 282.59 x 278.4. Below the box, there is a 'Download PDF' button. The page content includes a 'ROADMAP' section with a list of topics: Backend - Spring Boot / Django, Testing - Selenium / Cypress / TestNG / Cucumber, and Frontend | HTML Basics. The 'Frontend | HTML Basics' section is highlighted with a green border. The page also features a 'Your First App' section with a list of steps: Create a backend service and connect to database, Create an endpoint and call it from browser, Create a frontend app and view it in browser, and Create a test suite and test an app. Each step is followed by a 'Self-Learn' button.

ROADMAP

mat-dialog-container#mat-dialog-5.mat-dialog-container.ng-tns-c118-11.ng-trigger.ng-trigger-dialogC... 282.59 x 278.4

Frontend | HTML Basics

Open any website with Chrome PC,
Right click on any button on the webpage,
Select Inspect to see the HTML behind

Download PDF

• Backend - Spring Boot / Django
• Testing - Selenium / Cypress / TestNG / Cucumber

Self-Learn

Frontend | HTML Basics

Introduce HTML using an online web page

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Self-Learn

Your First App

- Create a backend service and connect to database
- Create an endpoint and call it from browser
- Create a frontend app and view it in browser
- Create a test suite and test an app

Self-Learn

```
<div id="cdk-overlay-5" class="cdk-overlay-pane" style="position: static;">
  <div tabindex="0" class="cdk-visually-hidden cdk-focusable" aria-hidden="true"></div>
  ...
  <mat-dialog-container tabindex="-1" aria-modal="true" dialog-container ng-tns-c118-11 ng-trigger ng-trigger-dialog-star-inserted id="mat-dialog-5" role="dialog" aria-label="mat-dialog-title-5" style="transform: none;">
    <app-dialog _ngghost-muc-c124 class="ng-star-inserted" dialog>
      <!--bindings=
        "ng-reflect-portal": ""
      -->
    </mat-dialog-container>
    <div tabindex="0" class="cdk-visually-hidden cdk-focusable" aria-hidden="true"></div>
  </div>
</div>

... t-dialog-container.ng-tns-c118-11.ng-trigger.ng-trigger-dialogContainer.ng-tns-c118-11

Styles Computed Layout Event Listeners DOM Breakpoints Properties
Filter :hov .cdk-focusable

.mat-dialog-container {
  display: block;
  padding: 24px;
  border-radius: 4px;
  box-sizing: border-box;
  overflow: auto;
  outline: 0;
  width: 100%;
  height: 100%;
  min-height: inherit;
  max-height: inherit;
```

Modify the style of a tag and check how UI responds.

Database | SQL Basics

Create a database and start with SQL basics up to select query on conditions

Frontend | HTML Basics

Introduce HTML using an online web page

- Tags
- Attributes
- Styling

Self-Learn

Your First App

- Create a backend service and connect to database
- Create an endpoint and call it from browser
- Create a frontend app and view it in browser
- Create a test suite and test an app

Self-Learn

Frontend | HTML Basics

Open any website with Chrome PC, Right click on any button on the webpage, Select Inspect to see the HTML behind

Show how data flows from database

Download PDF

Green to Red

- Backend - Spring Boot / Django
- Testing - Selenium / Cypress / TestNG / Cucumber

Self-Learn

```
<a _ngcontent-muc-c
download="youDownl
.pdf" href=".../.../s
ckingOnAnHTMLButtor
</span>
<span matripple clas
reflect-disabled="fa
reflect-trigger="[ob
<span class="mat-butl
</button>
<!--bindings={
  "ng-reflect-ng-if":
```

... ialog-actions button.mat-focus-indicator

Styles Computed Layout Event Listener

Filter

```
element.style {
  background: red;
}
.mat-button, .darkred
{
  box-sizing: mediumvioletred
  position: relative
  -webkit-user-select: none;
  user-select: none;
  cursor: pointer;
  outline: none;
  border: none;
  -webkit-tap-highlight-color: transparent;
  display: inline-block;
  white-space: nowrap;
```


Modify the text inside a tag and check how UI responds.

ROADMAP

Database | SQL Basics

Create a database and start with SQL basics up to select query on database

Frontend | HTML Basics

Introduce HTML using an online web page

- Tags
- Attributes
- Styling

Self-Learn

Your First App

- Create a backend service and connect to database
- Create an endpoint and call it from browser
- Create a frontend app and view it in browser

Frontend | HTML Basics

Open any website with Chrome PC,

Right click on any button on the webpage,

Select Inspect to see the HTML behind

Show how data flows from database

Learning Material **Text Changed!**

- Backend - Spring Boot / Django
- Testing - Selenium / Cypress /

Elements Console Sources Network >> 6 1

System: Right click on any button on the webpage,

<p _ngcontent-muc-c124 cdkfocusinitial class="ng-st-d" style>Select Inspect to see the HTML behind</p>

<!--bindings={

 "ng-reflect-ng-for-of": "Open any website with Chi

-->

</div>

<div _ngcontent-muc-c124 mat-dialog-actions class="mat-c-tions"> flex

<button _ngcontent-muc-c124 mat-button class="mat-f-tor mat-button mat-button-base ng-star-inserted" st-ound: red;">

...

<a _ngcontent-muc-c124 style="text-decoration: rdownload="youDownloadedThisDocumentClickingOnAnt.pdf" href=".../assets/docs/youDownloadedThisfckingOnAnHTMLButton;.pdf"; Learning Material

</spa

... s-indicator.mat-button.mat-button-base.ng-star-inserted span.mat-button-wr

Styles Computed Layout Event Listeners DOM Breakpoints Properties

Filter :hov .cls ↵

element.style {

text-decoration: none;

}

.mat-button .mat-button-wrapper>*, .mat-flat-button .mat-button-wrapper>*, .mat-stroked-button .mat-button-wrapper>*, .mat-raised-bi .mat-button-wrapper>*, .mat-icon-button .mat-button-wrapper>*, .mat-

Hover on a class style to see all the elements on which it is applied.

The screenshot displays a web application with a grid of four learning cards. Each card has a title, a description, a list of topics, and a 'Self-Learn' button. A tooltip is visible over the first card, showing its dimensions as 240.75 x 136.8. A developer tools overlay on the right shows the HTML structure and the 'Styles' panel, which is currently displaying the 'Hover' style applied to the first card's content area.

span.text-knowledge 240.75 x 136.8

Frontend | HTML Basics

Create a database and start with SQL basics up to select query on conditions

- CREATE
- INSERT
- UPDATE
- DELETE
- SELECT

Self-Learn

Introduce HTML using an online web page

- Tags
- Attributes
- Styling

Self-Learn

Frameworks

Show how data flows from database to frontend and vice versa

- Frontend - Angular / React
- Backend - Spring Boot / Django
- Testing - Selenium / Cypress / TestNG / Cucumber

Self-Learn

Your First App

- Create a backend service and connect to database
- Create an endpoint and call it from browser
- Create a frontend app and view it in browser
- Create a test suite and test an app

Self-Learn

arn-tile style= cursor 0.666667px + 1px) * 1); x) * 1 + 0px); margin-t 7% - 0.666667px) * 1 +

▼ <div class="mat-grid- ...

▼ <mat-grid-tile-head id-tile-header"> ...

▼ <span _ngcontent-lm ...

" Create a databa: select query on cc <br _ngcontent-lm! <br _ngcontent-lm! " • CREATE " <br _ngcontent-lm! " • INSERT" <br _ngcontent-lm! " • UPDATF"

... / mat-grid-tile.mat-grid-tile.learn-tile div.mat

Styles Computed Layout Event Listeners

Filter

element.style {

} **Hover**

.text-knowledge[_ngcontent-lmi-c125] {

- ✓ text-align: left;
- ✓ width: 90%;
- ✓ padding: ► 0 16px;

}

@media (min-width: 300px)

.text-knowledge[_ngcontent-lmi-c125] {

- font-size: small;

}

* {

- font-family: 'Cambria', sans-serif !impo

END

“Code that works well is a dopamine booster.”