Topic/Title: The Bootstrap Navigation Bar

Keywords/Questions:

Notes:

<nav>:-similar to div but indicates that everything after it is the code for the navigation bar

    -to read more go to getbootstrap.com>docs>components>navbar

class="navbar"

    -added to our <nav> tag.

    -we can see what this does in the bootstrap.css file

    -written as <nav class="navbar-nav">

```css
.navbar {
  position: relative;
  display: flex;
  flex-wrap: wrap;
  align-items: center;
  justify-content: space-between;
  padding-top: 0.5rem;
  padding-bottom: 0.5rem;
}
```

class="navbar-nav"

    -added to our <ul> tag.

    -written as <ul class="navbar-nav">

```css
.navbar-nav {
  display: flex;
  flex-direction: column;
  padding-left: 0;
  margin-bottom: 0;
  list-style: none;
}
```

class="nav-item"

    -added to our <li> tag.

    -written as <li class="nav-item">

```html
<nav class="navbar">
    <ul class="navbar-nav">
        <li class="nav-item">
        Contact
        </li>
    </ul>
</nav>
```

Contact

Summary:

class="nav−link"

 −used with <a>

 −it changes its color when you hover over the text and appears as a link.
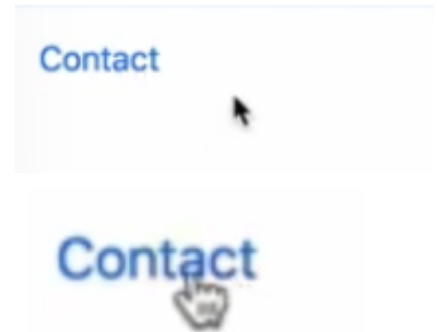
 −written as

```
<nav class="navbar">
    <ul class="navbar-nav">
        <li class="nav-item">
            <a class="nav-link" href="">Contact</a>
        </li>
    </ul>
</nav>
```

Contact

Contact

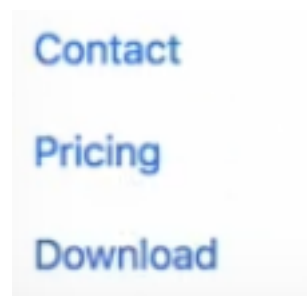 −it becomes dark blue when we hover over it and it appears as a link.

If we add more <li> links to our page, they would be aligned vertically:

```
<nav class="navbar">
    <ul class="navbar-nav">
        <li class="nav-item">
            <a class="nav-link" href="">Contact</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="">Pricing</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="">Download</a>
        </li>
    </ul>
</nav>
```

Contact

Pricing

Download

class="navbar-expand-lg"

-used to make the navigation items aligned horizontally depending on the size of the our screen. For example the above aligns it horizontally if we have a screen equal to or greater than the screen size of a laptop or desktop.

- .navbar-expand{-sm|-md|-lg|-xl|-xxl}

-we can use -sm, -md, ... instead of -lg above.

-if we use -sm, it will align them horizontally for phone, tablet and laptop,... as long as the screen fits. If the screen doesn't fit it will align them vertically.

-lg works only for laptop or larger screen

-md works for tablet, laptop or anything bigger

-used with <nav>

-written as <nav class="navbar navbar-expand-lg">

```html
<nav class="navbar navbar-expand-lg">
    <ul class="navbar-nav">
        <li class="nav-item">
            <a class="nav-link" href="">Contact</a>
        </li>
         <li class="nav-item">
            <a class="nav-link" href="">Pricing</a>
        </li>
         <li class="nav-item">
            <a class="nav-link" href="">Download</a>
        </li>
    </ul>
</nav>
```
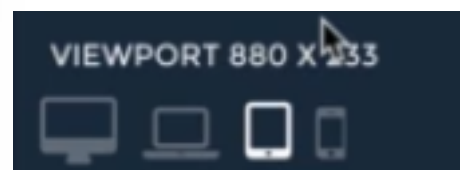
Contact   Pricing   Download   -this is for a laptop or larger screen

-If we decrease the size of our screen or go to a mobile or tablet screen, the nav items will be vertically stacked:

Contact

VIEWPORT 880 X 233

Pricing

Download   -you can try changing your view

port in codeply.com

class="bg-light":

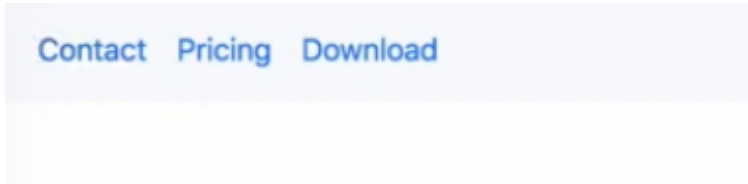   −it would make our navigation bar background a light Grey color.

        −this are the colors we can chose from for our background or text color or.. . I got it from getbootstrap.com>components>buttons>Examples.
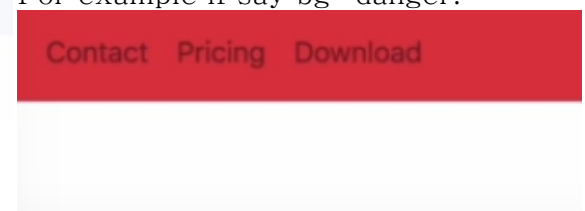
    −we usually use it with our nav element.

    −it is written as <nav class="navbar bg-light">

For example if say bg-danger.

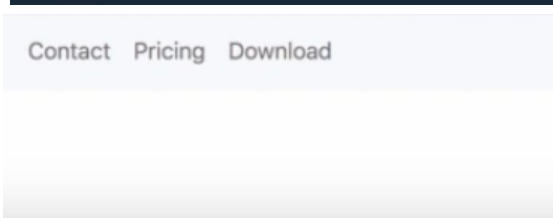class="navbar-light"

    −it would change the color of the text inside the navigation bar.

    −it would make the color of the text light grey

    −used with <nav>

    −written as <nav class="navbar-light">

class="navbar-brand"

    -used for a brand name text or brand img

    -you can read more about it in getbootstrap.com>components>navbar>Brand

    -usually used with <a> tags

    -for example- if our brand name is tindog, we write it as:

                tindog

        -if our brand img is located at css/img.png, we write it as:

                <img src="css/img.png" alt="">

```
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="">tindog</a>
    <ul class="navbar-nav">
        <li class="nav-item">
            <a class="nav-link" href="">Contact</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="">Pricing</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="">Download</a>
        </li>
    </ul>
</nav>
```
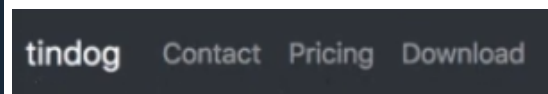
tindog   Contact Pricing Download

-the styling of the brand is a bit

different compared to the nav-link

text.

class="ml-auto": not supported by bootstrap 5

    -it creates a margin on the left as much as it can until the text reaches the right margin.

    -class="ms-auto":

        -has a similar effect like ml-auto and is supported by bootstrap 5

        -you are gonna apply it to the container that contains all the links you want to push

        to the right. We used it with the

```
<nav class="navbar navbar-expand-lg bg-dark navbar-dark">
    <a class="navbar-brand" href="">tindog</a>
    <ul class="navbar-nav ms-auto">
        <li class="nav-item">
            <a class="nav-link" href="">Contact</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="">Pricing</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="">Download</a>
        </li>
    </ul>
</nav>
```
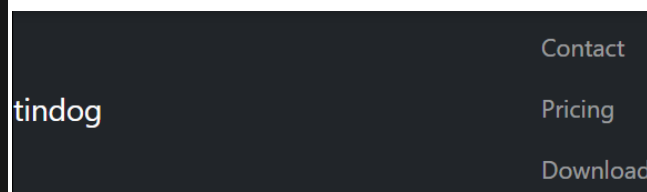
tindog   Contact

                          Pricing

                         Download

tindog   Contact Pricing Download

Toggler

　　—when the size of the screen gets smaller, it creates a toggle menu

　　—go to getbootstrap.com>docs>components >navbar. Then go to the toggler part.

　　—copy the <button> code part and paste it in your code.

　　—Then write <div class="collapse navbar−collapse" id="text next to # in the data target part

　　inside the button tag">.

　　—Then include anything that you want to be toggled inside the div part.

```
<nav class="navbar navbar-expand-lg bg-dark navbar-dark">
    <a class="navbar-brand" href="">tindog</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" ar
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">

        <ul class="navbar-nav ms-auto">
            <li class="nav-item">
                <a class="nav-link" href="">
                    Contact
                </a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="">
                    Pricing
                </a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="">
                    Download
                </a>
            </li>
        </ul>
    </div>
</nav>
```
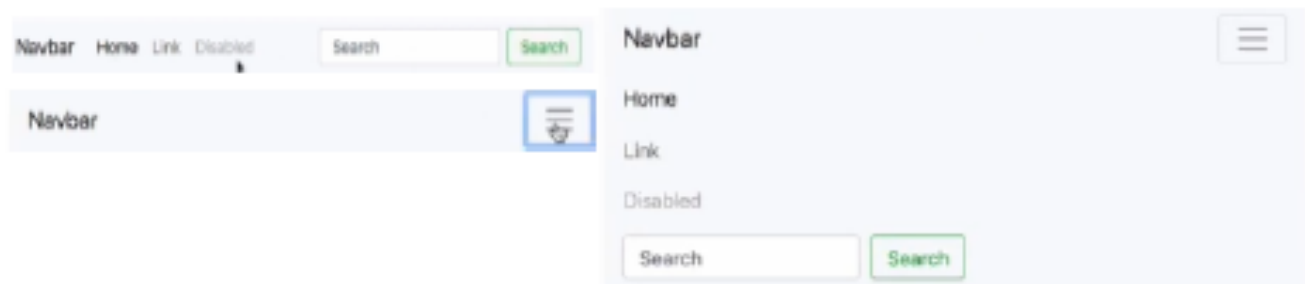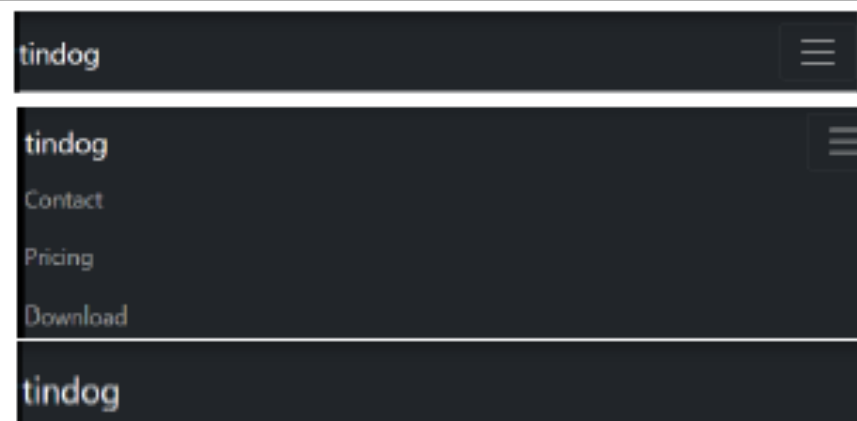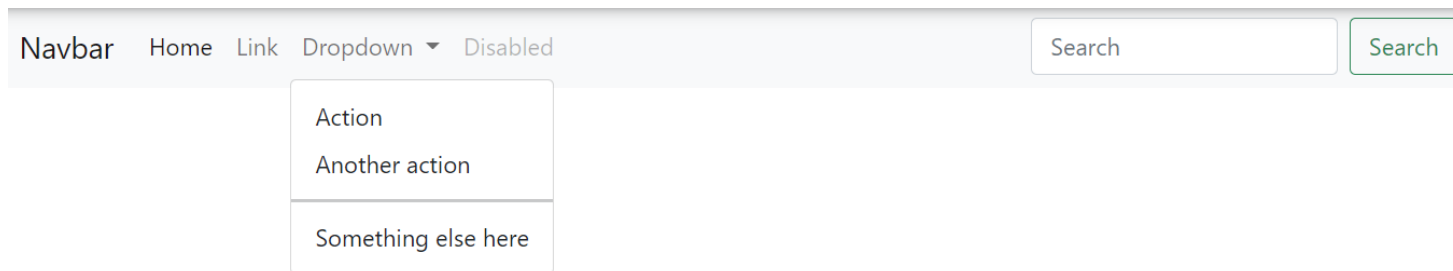

—the id part of the div and the data−bs−

target part of the button should be the

same(everything after the #)

class="dropdown"

-usually added as <li class="nav-item dropdown">

-just copy and modify code from getbootstrap.com>docs>components>navbar>supported content

| Navbar | Home | Link | Dropdown ▾ | Disabled | | Search | Search |

Action
Another action

Something else here

```
<li class="nav-item dropdown">
  <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="butto
    Dropdown
  </a>
  <ul class="dropdown-menu" aria-labelledby="navbarDropdown">
    <li><a class="dropdown-item" href="#">Action</a></li>
    <li><a class="dropdown-item" href="#">Another action</a></li>
    <li><hr class="dropdown-divider"></li>
    <li><a class="dropdown-item" href="#">Something else here</a></li>
  </ul>
</li>
```

you don't need to memorize any of this u can copy and edit and use it:

- the id part of <a> should be the same with the aria-labelledby part of the ul

-class="dropdown-menu"

-used with

-class="dropdown-item"

-used with the inside

-class="dropdown-divider"

-used to divide our dropdown menu

-used with <hr> tag

-it was written above as

<hr class="dropdown-divider">

class="navbar fixed-top"

    —the navigation bar will not move as we scroll. we will see it even if we scroll

Fixed top

```
<nav class="navbar fixed-top navbar-light bg-light">
  <a class="navbar-brand" href="#">Fixed top</a>
</nav>
```

class="navbar fixed-bottom"

    —the navigation bar will not move as we scroll, but it will be fixed at the bottom instead of the top.

Fixed bottom

```
<nav class="navbar fixed-bottom navbar-light bg-light">
  <a class="navbar-brand" href="#">Fixed bottom</a>
</nav>
```