Introduction to Bootstrap 1
Pre-read

Things I need to know before this session

1. What is Bootstrap?
Bootstrap is the most popular HTML, CSS, and JavaScript library for developing responsive and mobile-friendly websites. Responsive web design creates websites that are automatically tailored to look great on all devices, from small phones to large desktops.

2. Advantages of Bootstrap
- Save much time
- Responsive Features
- Unified Design
- Ease of use
- Browser Compatible
- Open Source

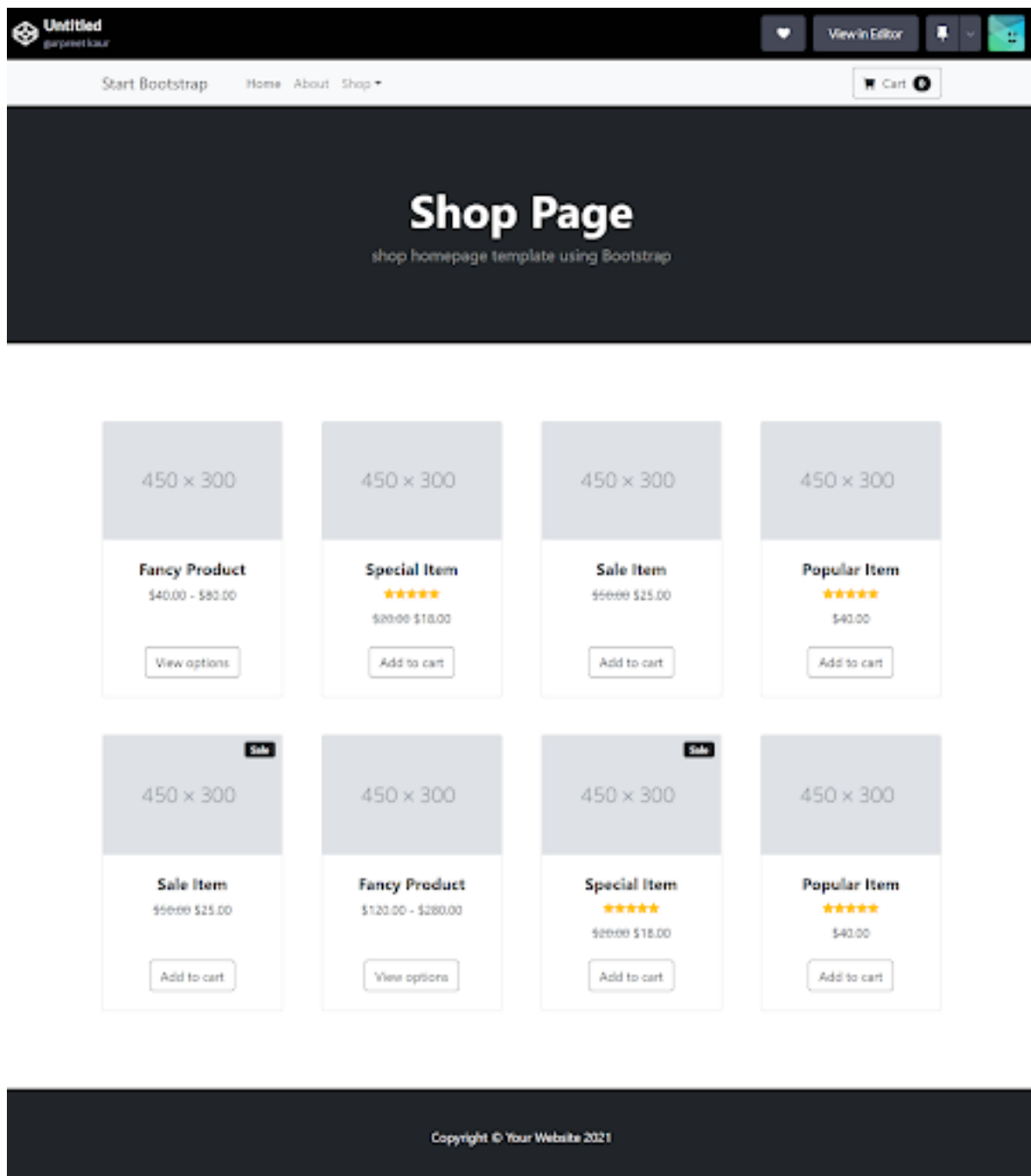**3. What does the Bootstrap package contain?**
- Scaffolding
- CSS
- Components
- JavaScript
- Customized

What will be taught in the coming session?

- What is Bootstrap
- Advantages of using Bootstrap
- How to setup Bootstrap
- What you can do with Bootstrap
- Required Skills
- What Bootstrap package contains
- Box Model in practice
- CSS layouts

We will be creating the E-commerce shop page using Bootstrap.

Setting up the Bootstrap.

Setting Bootstrap is very easy process; we just need to paste the following links inside the head tag and at the bottom of the body tag of the Html Document respectively

Paste this inside the head tag before all other stylesheets to load.

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/
bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6j
IW3" crossorigin="anonymous">
```

Many of the bootstrap components require the use of JavaScript to function, So paste this <script> tag inside the body tag but at the very bottom.

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/
bootstrap.bundle.min.js" integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
```

Differentiation between bootstrap usage code and generic html, css code part.

- In normal css you would need to define each and every single property by yourself, for example lets see the below example.

```
                .container {
      padding-right: 15px;
      padding-left: 15px;
      margin-right: auto;
      margin-left: auto;
          }
 @media (min-width: 768px) {
 .container {
  width: 750px;
  }
 }
 @media (min-width: 992px) {
  .container {
   width: 970px;
  }
 }
 @media (min-width: 1200px) {
 .container {
  width: 1170px;
  }
 }
```

- So, let's see how we can achieve this in Bootstrap.

It's very simply you just need to include the bootstrap link to your html document and you need to specify the following class name

".container"

This class will be pre-loaded with the code that you saw above, so we don't need to manually write those code ourself, bootstrap makes our life easy.