**ADVANCED WEB APPLICATION DEVELOPMENT**

**ASSIGNMENT WEEK 13**

1.Develop SPA  using Angular JS  filters.

Answer 1: AngularJS filters are used to format data before displaying it to the user. There are several built-in filters available in AngularJS, such as `currency`, `date`, and `uppercase`. You can also create your own custom filters.

Here's an example of how you might use the `currency` filter:

```html

<p>{{ price | currency }}</p>

```

In this example, we're using the `currency` filter to format the value of a variable called `price` as a currency.

2.Discuss HTML DOM with suitable example.

2. The HTML DOM (Document Object Model) is a programming interface for HTML documents. It represents the page so that programs can change the document structure, style, and content. The DOM represents the document as nodes and objects. That way, programming languages can interact with the page.

Here's an example of how you might use the DOM to change the text of an HTML element:

```html

<!DOCTYPE html>

<html>

<body>

<h1 id="myHeading">Hello World!</h1>

<button onclick="changeText()">Click me</button>

<script>

function changeText() {

document.getElementById("myHeading").innerHTML = "Hello JavaScript!";

}

</script>

</body>

</html>

```

In this example, we're using JavaScript to change the text of an HTML heading element when a button is clicked.