JS Random Quote Generator Project – Part 1

Create a JS_Quote Folder, save the index.html and app.js files in the folder.

index.html

1. Create a HTML document, Save As: **index.html**

   a. Title: Quote Generator

   b. In the Body, create:

      - \<h1\> - Quote Generator
      - Div Element: **\<div id="quoteDisplay"\>\</div\>**
      - **New Quote** Button – when clicked will call the **newQuote()** function.
      - Right before the closing \</body\> Script tag referencing External JavaScript file.
        \<script src="app.js"\>\</script\>

app.js

2. Create an **app.js** JavaScript file.

3. Enter the following in the JavaScript file:

   a. Create a **quotes[ ]** array.

   b. Enter 10 random quotes in the quotes [ ] array.
      quotes = ["quotes1", "quotes2", "quotes3", etc.];

4. Enter the following in the **app.js** JavaScript file:

    a. Create a **newQuote function** that will randomly display the quote in the **quotes [array]**:

```javascript
var quotes = [
    'The Way Get Started Is To Quit Talking And Begin Doing. -Walt Disney',
    'The Pessimist Sees Difficulty In Every Opportunity. The Optimist Sees The Opportunity In Every Difficulty. -Winston Churchill',
    'Don\'t Let Yesterday Take Up Too Much Of Today. -Will Rogers',
    'You Learn More From Failure Than From Success. Don\'t Let It Stop You. Failure Builds Character.- Unknown',
    'It\'s Not Whether You Get Knocked Down, It\'s Whether You Get Up.- Vince Lombardi',
    'If You Are Working On Something That You Really Care About, You Don\'t Have To Be Pushed. The Vision Pulls You.- Steve Jobs',
    'People Who Are Crazy Enough To Think They Can Change The World, Are The Ones Who Do.- Rob Siltanen',
    'Failure Will Never Overtake Me If My Determination To Succeed Is Strong Enough.- Og Mandino',
    'Entrepreneurs Are Great At Dealing With Uncertainty And Also Very Good At Minimizing Risk. That's The Classic Entrepreneur.- Mohnish Pabrai',
    'We May Encounter Many Defeats But We Must Not Be Defeated.- Maya Angelou'
]

function newQuote() {
    var randomNumber = Math.floor(Math.random() * (quotes.length));
    document.getElementById('quoteDisplay').innerHTML = quotes[randomNumber];
}
```