Mini Project | 29th July 2020

Question 3:

Write a program to generate a quote randomly and display it on the web page in a proper format.

Answer:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- META INFORMATION -->
    <meta charset="UTF-8">
    <meta name="description" content="Random Quote Generator">
    <meta name="keywords" content="HTML,CSS,JavaScript, Quotes, API">
    <meta name="author" content="Nabin Jaiswal">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <!-- END OF META INFORMATION -->

    <title>Random Quote Generator</title>

    <!-- BOOTSTRAP CDN-->
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.0/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-9gVQ4dYFwwWSjIDZnLEWnxCjeSWFphJiwGPXr1jddIhOegiu1FwO5qR
GvFXOdJZ4" crossorigin="anonymous">

    <!-- FONTAWESOME CDN -->
    <link
```

```html
href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.
css" rel="stylesheet"
integrity="sha384-wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0
sibVcOQVnN" crossorigin="anonymous">

    <!-- GOOGLE FONT -->
    <link href="https://fonts.googleapis.com/css?family=Acme" rel="stylesheet">

    <!-- CUSTOM STYLESHEET -->
    <style>

    body{
    font-family: 'Acme', sans-serif;
    background:#34495e;
    color:#fff;
    }
    .title{
    padding-top:40px;
    text-align: center;
    margin-bottom: 50px;
    }
    .quoteArea{
    padding:40px;
    font-size: 30px;
    border:5px solid #fff;
    margin-bottom: 30px;
    color: #fff;
    }
    .fa-heart{
    color:#ff1237;
    }
    .creator, .creator a{
    text-align: center;
    padding-top: 20px;
    }

    </style>
</head>
<body>
```

```html
<div class="container">
<div class="row">
<div class="col-md-12 title">
<h1>Random Quote Generator</h1>
</div>
<div class="col-md-12 quoteArea">
<p id="randomQuote">

</p>
</div>

<div class="col-md-12 buttons">
<a href="#">Tweet Me</a>

<a href="#">New Quote</a>
</div>

<div class="col-md-12 creator">Made with love by
<a href="https://codepen.io/nabinjaiswal/" target="_blank">Syed Aamer Ali</a>
</div>
</div>
</div>
<div class="col-md-12 buttons">
<a href="#" class="btn btn-info" target="_blank" id="tweetMe" role="button"> <i
class="fa fa-twitter"></i>   Tweet Me</a>

<a href="#" class="btn btn-info" id="newQuote" role="button"> <i class="fa
fa-quote-left"></i>  New Quote</a>
</div>
<!-- JQUERY CDN -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<!-- BOOTSTRAP JAVASCRIPT -->
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.0/js/bootstrap.min.js"
integrity="sha384-uefMccjFJAIv6A+rW+L4AHf99KvxDjWSu1z9VI8SKNVmz4sk7buKt/6v
9KI65qnm" crossorigin="anonymous"></script>

<!-- CUSTOM JAVASCRIPT -->
<script>
```

```javascript
function randomQuote() {
$.ajax({
url: "https://api.forismatic.com/api/1.0/?",
dataType: "jsonp",
data: "method=getQuote&format=jsonp&lang=en&jsonp=?",
success: function (quoteData) {

if (quoteData.quoteAuthor === '') {
quoteData.quoteAuthor = 'Unknown';
};

$("#randomQuote").html("<p id='randomQuote'><i class=\"fa fa-quote-left\"></i>    " +
quoteData.quoteText + "<br/> <div class=\"text-right\"> -" + quoteData.quoteAuthor +
"</div></p>");
$("#tweetMe").attr("href", "https://twitter.com/home/?status=" + quoteData.quoteText
+ ' - ' + quoteData.quoteAuthor);
}
});
}

function randomColor() {
var colors = [
'#34495e',
'#6C7A89',
'#ABB7B7',
'#336E7B',
'#8E44AD',
'#674172',
'#D2527F',
'#96281B',
'#34495e',
'#16a085',
'#f39c12',
'#d35400',
'#c0392b',
'#7f8c8d',
'#8e44ad'
];
var choosedColor = colors[(Math.floor(Math.random() * 16))];
return choosedColor;
```

```
    }

    $(function () {
    randomQuote();
    randomColor();
    });

    $("#newQuote").click(function () {
    $('body').css({'background': randomColor(), 'transition': 'all linear 0.2s'});
    randomQuote();
    });
    </script>

</body>
</html>
```

Output:

Random Quote Generator

> **"** When you realize how perfect everything is you will tilt your head back and laugh at the sky.
>
> -Buddha

Tweet Me New Quote

Made with love by Syed Aamer Ali

🐦 Tweet Me **" New Quote**

Random Quote Generator

66 Sometimes the biggest act of courage is a small one.

-Lauren Raffo

Tweet Me New Quote

Made with love by Syed Aamer Ali

🐦 Tweet Me   66 New Quote

Random Quote Generator

> **66** Inspiration exists, but it has to find us working.

-Pablo Picasso

Tweet Me New Quote

Made with love by Syed Aamer Ali

🐦 Tweet Me   **66** New Quote