

## day23(ii)-Project2\code.js

```
1  const quotes = [  
2      "The best way to predict the future is to create it. – Peter Drucker",  
3      "Success is not final, failure is not fatal: It is the courage to continue that counts.  
– Winston Churchill",  
4      "The only way to do great work is to love what you do. – Steve Jobs",  
5      "Don't watch the clock; do what it does. Keep going. – Sam Levenson",  
6      "It does not matter how slowly you go, as long as you do not stop. – Confucius",  
7      "Opportunities don't happen, you create them. – Chris Grosser",  
8      "You miss 100% of the shots you don't take. – Wayne Gretzky",  
9      "In the middle of every difficulty lies opportunity. – Albert Einstein",  
10     "What lies behind us and what lies before us are tiny matters compared to what lies  
within us. – Ralph Waldo Emerson",  
11     "The harder you work for something, the greater you'll feel when you achieve it. –  
Anonymous",  
12     "Success is not how high you have climbed, but how you make a positive difference to  
the world. – Roy T. Bennett",  
13     "Dream big and dare to fail. – Norman Vaughan",  
14     "Don't let yesterday take up too much of today. – Will Rogers",  
15     "The future belongs to those who believe in the beauty of their dreams. – Eleanor  
Roosevelt",  
16     "It always seems impossible until it's done. – Nelson Mandela",  
17     "The way to get started is to quit talking and begin doing. – Walt Disney",  
18     "Success usually comes to those who are too busy to be looking for it. – Henry David  
Thoreau",  
19     "It's not whether you get knocked down, it's whether you get up. – Vince Lombardi",  
20     "Your time is limited, so don't waste it living someone else's life. – Steve Jobs",  
21     "Everything you've ever wanted is on the other side of fear. – George Addair",  
22     "We are what we repeatedly do. Excellence, then, is not an act, but a habit. –  
Aristotle",  
23     "The man who moves a mountain begins by carrying away small stones. – Confucius",  
24     "He who opens a school door, closes a prison. – Victor Hugo",  
25     "The most courageous act is still to think for yourself. Aloud. – Coco Chanel",  
26     "Every man takes the limits of his own field of vision for the limits of the world. –  
Arthur Schopenhauer"  
27 ];  
28  
29  
30 const hexColors = [  
31     "#FF5733", "#33FF57", "#3357FF", "#F1C40F", "#8E44AD",  
32     "#AEC6CF", "#FFDAB9", "#E6E6FA", "#FFFACD", "#F5DEB3",  
33     "#1ABC9C", "#E74C3C", "#2ECC71", "#3498DB", "#9B59B6",  
34     "#D8BFD8", "#F08080", "#B0E0E6", "#C1FFC1", "#FFB6C1",  
35     "#34495E", "#16A085", "#27AE60", "#2980B9", "#D35400",  
36     "#E0FFFF", "#FADADD", "#E3F9FD", "#FBE8EB", "#D5E8D4",  
37     "#C0392B", "#BDC3C7", "#7F8C8D", "#FF6F61", "#6B5B95",  
38     "#88B04B", "#F7CAC9", "#92A8D1", "#955251", "#B565A7",  
39     "#F8B195", "#C2DFFF", "#E0BBE4", "#FFDFD3", "#D7ECD9",  
40     "#F5F5DC", "#FFE4E1", "#D3FFCE", "#FFECB3", "#BFD8B8",  
41     "#009B77", "#DD4124", "#45B8AC", "#EFC050", "#5B5EA6",  
42     "#FDFD96", "#C6E2FF", "#FFDEAD", "#E6E6FA", "#F0FFF0"  
43 ];  
44
```

```
45
46
47 function generatQuote(){
48   const text = document.getElementById("quote");
49
50   // Math.random() in JavaScript is a built-in method that returns a pseudo-random floating-
51   // point number between 0 (inclusive) and 1 (exclusive). That means:
52   // - It can be 0, but it will never be 1
53
54   // 1. Random number between 0 and N: let randomUpToN = Math.random() * N;
55
56   // 2. Random integer between 0 and N-1: let randomInt = Math.floor(Math.random() * N);
57
58   const index = Math.floor(Math.random()*quotes.length);
59   text.textContent = quotes[index]; //you can also use 'innerHTML' at place of 'textContent'.
60 }
61
62 setInterval(generatQuote,2000);
63
64
65 function changeColor(){
66
67   //getElementsByClassName returns an HTMLCollection, so you need to access the first element
68   //using [0].
69   //To change the background color of an element, use .style.backgroundColor.
70
71   const element = document.getElementsByClassName('container')[0];
72   const idx = Math.floor(Math.random()*hexColors.length);
73   element.style.backgroundColor = hexColors[idx];
74 }
75
76 setInterval(changeColor, 2000);
```