

```

1 // Array of quotes
2 var quotes = [
3   "The only way to do great work is to love what you do. - Steve Jobs",
4   "Believe you can and you're halfway there. - Theodore Roosevelt",
5   "Success is not final, failure is not fatal: It is the courage to continue that counts. - Winston Churchill",
6   "The best revenge is massive success. - Frank Sinatra",
7   "The future belongs to those who believe in the beauty of their dreams. - Eleanor Roosevelt",
8   "The only limit to our realization of tomorrow will be our doubts of today. - Franklin D. Roosevelt"
9   // Add more quotes here
10 ];
11 // Generate random quote
12 function generateRandomQuote() {
13   // Get a random index from the quotes array
14   var randomIndex = Math.floor(Math.random() * quotes.length);
15
16   // Retrieve the quote using the random index
17   var randomQuote = quotes[randomIndex];
18
19   // Return the random quote
20   return randomQuote;
21 }
22 // Select the quote container element
23 var quoteContainer = document.getElementById('quote');
24
25 // Function to display the random quote
26 function displayRandomQuote() {
27   // Generate a random quote
28   var randomQuote = generateRandomQuote();
29
30   // Update the HTML content of the quote container
31   quoteContainer.textContent = randomQuote;
32 }
33
34 // Initial display of a random quote
35 displayRandomQuote();
36
37 // Select the button element
38 var generateBtn = document.getElementById('generate-btn');
39
40 // Add event listener to the button
41 generateBtn.addEventListener('click', displayRandomQuote);
42
43

```

← → ↺ ① File | C:/Users/shereyar/Downloads/p1/index.html

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Random Quote Generator

The future belongs to those who believe in the beauty of
their dreams. - Eleanor Roosevelt

Generate Quote

Activate Windows
Go to Settings to activate Windows.

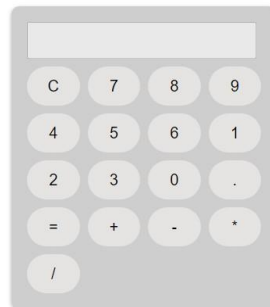
Digital Clock

00:31:39

Activate Windows

```
1 // Function to get the current time and format it
2 function getCurrentTime() {
3     var currentTime = new Date();
4     var hours = currentTime.getHours();
5     var minutes = currentTime.getMinutes();
6     var seconds = currentTime.getSeconds();
7
8     // Add leading zeros if necessary
9     hours = (hours < 10) ? '0' + hours : hours;
10    minutes = (minutes < 10) ? '0' + minutes : minutes;
11    seconds = (seconds < 10) ? '0' + seconds : seconds;
12
13    // Return the formatted time
14    return hours + ':' + minutes + ':' + seconds;
15 }
16
17 // Function to update the clock display
18 function updateClock() {
19     var clockElement = document.getElementById('clock');
20     clockElement.textContent = getCurrentTime();
21 }
22
23 // Update the clock display every second
24 setInterval(updateClock, 1000);
25
```

```
1  function appendToResult(value) {  
2      document.getElementById('result').value += value;  
3  }  
4  
5  function clearResult() {  
6      document.getElementById('result').value = '';  
7  }  
8  
9  function calculateResult() {  
10     let result = document.getElementById('result').value;  
11     let calculatedResult = eval(result);  
12     document.getElementById('result').value = calculatedResult;  
13 }  
14
```



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Quiz App

What is the capital city of France?

Paris

Rome

London

Berlin

Submit

Activate Windows

```

1 |
2 // Generate a random password
3 ▼ function generatePassword() {
4     var uppercase = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ';
5     var lowercase = 'abcdefghijklmnopqrstuvwxyz';
6     var numbers = '0123456789';
7     var specialChars = '!@#$%^&*()_+~[]{}[\];:;?><.,/=-';
8
9     var passwordLength = 12;
10    var password = '';
11
12    var allChars = uppercase + lowercase + numbers + specialChars;
13
14 ▼    for (var i = 0; i < passwordLength; i++) {
15        var randomIndex = Math.floor(Math.random() * allChars.length);
16        password += allChars.charAt(randomIndex);
17    }
18
19    return password;
20 }
21
22 ▼ document.getElementById('generate-btn').addEventListener('click', function() {
23     var passwordField = document.getElementById('password');
24     var generatedPassword = generatePassword();
25     passwordField.value = generatedPassword;
26 });
27

```

Password Generator

Generate Password

```

1  // Set the countdown date
2  const countdownDate = new Date("2023-06-30T00:00:00").getTime();
3
4  // Update the countdown every second
5  ▼ const countdown = setInterval(() => {
6    // Get the current date and time
7    const now = new Date().getTime();
8
9    // Calculate the distance between now and the countdown date
10   const distance = countdownDate - now;
11
12   // Calculate days, hours, minutes, and seconds
13   const days = Math.floor(distance / (1000 * 60 * 60 * 24));
14   const hours = Math.floor((distance % (1000 * 60 * 60 * 24)) / (1000 * 60 * 60));
15   const minutes = Math.floor((distance % (1000 * 60 * 60)) / (1000 * 60));
16   const seconds = Math.floor((distance % (1000 * 60)) / 1000);
17
18   // Display the countdown
19   document.getElementById("days").textContent = days + "d";
20   document.getElementById("hours").textContent = hours + "h";
21   document.getElementById("minutes").textContent = minutes + "m";
22   document.getElementById("seconds").textContent = seconds + "s";
23
24   // If the countdown is finished, display a message
25   ▼ if (distance < 0) {
26     clearInterval(countdown);
27     document.getElementById("days").textContent = "Countdown";
28     document.getElementById("hours").textContent = "is";
29     document.getElementById("minutes").textContent = "over!";
30     document.getElementById("seconds").textContent = "";
31   }
32   }, 1000);
33

```

0d 22h 38m 4s