

JavaScript Conditions - Practice code

Problem Statement 1: If Else

Using If/Else condition, check whether a person is eligible to vote in India or not.

Voting Eligibility Criteria

Eligible for voting

or

Voting Eligibility Criteria

Not Eligible for voting

Problem Statement 2: Greetings of the Day

By using Date and getHours method, get the current time and display the greetings (good day/evening) depending on the time.

JavaScript if .. else

A time-based greeting:

Good day

Problem Statement 3: Random links

Display random links in your code, using Math.random() method and conditions. The Math.random() generates random numbers if that number is less than 1 that display a **LinkedIn** link in the output, else display **indeed** link in the output. The output will vary each time.

JavaScript Math.random()

[Indeed](#)

Or

JavaScript Math.random()

[LinkedIn](#)

Problem Statement 4: Switch Case

Display the day in the output using switch statement and Date methods.

JavaScript switch

Today is Monday

Solution:

Problem Statement 1:

```
<!DOCTYPE html>
<html>
<head>
  <title>If_Else Statement</title>
</head>
```

```
<body>
  <h1>Voting Eligibility Criteria</h1>
  <script type = "text/javascript">
    var age = 15;
    if( age > 18 )//Conditional Statement
    {
      document.write("<b>Eligible for voting</b>");
    }
    else
    {
      document.write("<b>Not Eligible for voting</b>");
    }
  </script>
</body>
</html>
```

Problem Statement 2:

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript if .. else</h2>
<p>A time-based greeting:</p>
<p id="demo"></p>
<script>
const hour = new Date().getHours();
let greeting;
if (hour < 18) {
  greeting = "Good day";
} else {
  greeting = "Good evening";
}
document.getElementById("demo").innerHTML = greeting;
</script>
</body>
</html>
```

Problem Statement 3:

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Math.random()</h2>
<p id="demo"></p>
<script>
let text;
if (Math.random() < 0.5) {
  text = "<a href='linkedin.com'>LinkedIn</a>";
}
```

```
} else {  
    text = "<a href='indeed.com'>Indeed</a>";  
}  
document.getElementById("demo").innerHTML = text;  
</script>  
</body>  
</html>
```

Problem Statement 4:

```
<!DOCTYPE html>  
<html>  
<body>  
<h2>JavaScript switch</h2>  
<p id="demo"></p>  
<script>  
let day;  
switch (new Date().getDay()) {  
    case 0:  
        day = "Sunday";  
        break;  
    case 1:  
        day = "Monday";  
        break;  
    case 2:  
        day = "Tuesday";  
        break;  
    case 3:  
        day = "Wednesday";  
        break;  
    case 4:  
        day = "Thursday";  
        break;  
    case 5:  
        day = "Friday";  
        break;  
    case 6:  
        day = "Saturday";  
}  
document.getElementById("demo").innerHTML = "Today is " + day;  
</script>  
</body>  
</html>
```