

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <style>
```

```
    h1 {
```

```
      color: black;
```

```
    }
```

```
    h2 {
```

```
      font-family: Impact;
```

```
    }
```

```
    body {
```

```
      text-align: center;
```

```
    }
```

```
  </style>
```

```
</head>
```

```
<body>
```

```
  <h1>JAVASCRIPT PROGRAM</h1>
```

```
  <p>
```

javascript program to generate random integer between 1 to 10,
the user is then prompted to input a guess

number. If the user input matches with guess number, the
program will display a message "Matched" otherwise

display a message "Not matched"

```
  </p>
```

```
  <script type="text/javascript">
```

```
    const num = Math.ceil(Math.random() * 10);
```

```

    console.log(num);
    const gnum = prompt('Guess the number between 1 and 10
inclusive');
    if (gnum == num)
        document.write("good work")
    else
        document.write("Not matched")
</script>
<h2> Display variables</h2>
<p id="demo"></p>
<script>
    var x = 5;
    var y = 5;
    var z = x + y;
    document.getElementById("demo").innerHTML = "The value of z is:
" + z;
</script>
<p><mark style="background-color:burlywood">TOPIC:JAVA
CORE</mark></p>
<h1>JAVASCRIPT</h1>
<h2>
    JavaScript: Program to
    get the website URL ?
</h2>
<p>
    <b>
        Click on Below Button
        To Get Current URL
    </b>
</p>

<button onclick="GetURL()"> Get URL </button>

```

<p id="url"></p>

<script>

```
function GetURL() {  
    var gfg = document.URL;  
    document.getElementById("url").innerHTML = gfg;
```

```
}
```

</script>

<h2>The javascript typeof</h2>

<p id="kk"></p>

<script>

```
document.getElementById("kk").innerHTML =  
    typeof "john" + "<br>" +  
    typeof 3.14 + "<br>" +  
    typeof true + "<br>" +  
    typeof false + "<br>" +  
    typeof x;
```

</script>

<p style="color:green">AREA F THE CIRCLE</p>

<script>

```
let pi = 3.14159265358979323846;  
function findArea(r) {
```

```
    return (pi * r * r);
```

```
}
```

```
let r, Area;
```

```
r = 5;
```

```
Area = findArea(r);
```

```
document.write("Area of Circle is :" + Area);  
</script>
```

```
</body>
```

```
</html>
```