

(16. `<html>`)`<body>``<h2> The window.print() method </h2>`
`<p> click the button to print the current page </p>``<button onclick="window.print()">`
print this page </button>`</body>``</html>`(17. `<html>`)`<body>``<h2> JavaScript statements </h2>``<p> A JavaScript Program is a list of statements to be executed by computer </p>``<p id="demo"></p>``<script>``let x, y, z; // statement 1``x = 5; // statement 2``y = 6; // statement 3``z = x + y; // statement 4``document.getElementById("demo").innerHTML = "The value of z is " + z + ". ";``</script>``</body>``</html>`(18. `<html>`)`<body>``<h2> JavaScript statements </h2>`

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<P> In HTML, JavaScript statements are executed by the browser </P>

<P id = "demo"></P>

<Script>

document.getElementById('demo').innerHTML = "Hello Dolly!";

</Script>

</body>

</html>

(9) <html>

<body>

<h2> JavaScript statements </h2>

<P> JavaScript statements are separated by semicolons </P>

<P id = "demo 1"></P>

<Script>

let a, b, c;

c = 5

b = 6;

c = a + b;

document.getElementById("demo 1").innerHTML = "

a = "Hello";

</Script>

</body>

</html>

(10) <html>

<body>

<h2> JavaScript statements </h2>

<P> multiple statements on one line are enclosed </P>

<P id = "demo 1"></P>

```

<script>
let a, b, c;
a=5; b=6; c = a+b;
document.getElementById("demo1").innerHTML = c;
</script>
</body>
</html>

```

(21. <html>

```

<body>
<h2> JavaScript Numbers </h2>
<p> Number can be written with or without
decimals. </p>
<p id="demo1"></p>
<script>
document.getElementById("demo1").innerHTML = 10.50;
</script>
</body>
</html>

```

(22. <html>

```

<body>
<h2> JavaScript strings </h2>
<p> strings can be written with double
or single quotes </p>
<p id="demo1"></p>
<script>
document.getElementById("demo1").innerHTML = 'John Doe';
</script>
</body>
</html>

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<script>

let lastname, lastname;

lastname = "Doe";

lastname = "Peterson";

document.getElementById("demo").inner-

HTML = lastname;

<script>

</body>

</html>

(26. <html>

<body>

<h1 id="myH"><h1>

<p id="myP"><p>

<script>

// change heading:

document.getElementById("myH").innerHTML =

"JavaScript comments";

// change paragraph

document.getElementById("myP").innerHTML =

"My first paragraph";

<script>

</body>

</html>

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<body>

<h1 id="myH"><h1>

<p id="myP"><p>

<script>

document.getElementById("myH").innerHTML =

"JavaScript comments";

document.getElementById("myP").innerHTML = "My

first paragraph";

(28. <html>

<body>

<hr> JavaScript is case sensitive
<hr>

<p id="demo"><p>

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body

<body> JavaScript variables </body>

<P> the underscore is forced as a

letter in JavaScript name <P>

<P id="demo"></P>

let x = 2;

let y = 5;

document.getElementById("demo").inner

HTML = x + y;

<script>

</body>

</html>

document.

getelementbyid("demo").inner

HTML = "The value of z is: " + z;

<script>

</body>

</html>

document.

getelementbyid("demo").inner

HTML = "The value of z is: " + z;

<script>

</body>

</html>

document.

getelementbyid("demo").inner

HTML = "The value of z is: " + z;

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JavaScript type conversion.

JavaScript

JavaScript

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document.getElementById("demo").innerHTML
= typeof y + " " + typeof x;

<script>

<body>

<html>

<body>

<h2> JavaScript Numbers </h2>

<h2> The Number() method converts a variable

(or value) into a number. </p>

<p id = "demo"></p>

<script> document.getElementById("demo").innerHTML

= typeof y + " " + typeof x;

<h2> The Number() Method </h2>

<p> The Number() method converts a variable

(or value) into a number. </p>

<p id = "demo"></p>

<script> document.getElementById("demo").innerHTML

= typeof y + " " + typeof x;

<h2> The Number() Method </h2>

<p> The Number() method converts a variable

(or value) into a number. </p>

<p id = "demo"></p>

<script> document.getElementById("demo").innerHTML

= typeof y + " " + typeof x;

<h2> The JavaScript typeof Operator </h2>

<p> The typeof operator returns the type

of a variable or expression. </p>

<script> let y = 15; let x = "John"; let z = true;

let y = 15; let x = "John"; let z = true;

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```
String(x) + "<br>" +
```

$\text{String}(123) + \angle_{\text{box}}$

String (100+200)

</body>

1b(m)

Another HTML

html

<body> : ></body>

The existing C method converts a decimal number to binary.

To a strong CIP.

```
<p id="demo1">CIP>
```

SCOPE

~~specimen~~. ~~achieved by id('demo')~~ inner

HTML 1

```
X. ToString() + "bb" +
```

132. 103877 3 201

script

2802

- 150 -

21DoctyPo.html

200

ANSWER: $\frac{1}{2} \times 10^3$

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```
<script>
  (5 + null) + "2box" +
  ("5" + null) + "<box>" +
  ("5" + 2) + "<box>" +
  ("5" - 2) + "<box>" +
  ("5" * "2") + "<box>" +
  ("5" / 2) + "<box>" +
</script>
<body>
<h1> JavaScript Arithmetic <h1>
<p> Operator Precedence<p>
<pre> Addition</pre>
<p id="demo"></p>
<script>
document.getElementById("demo").innerHTML = 50 + 5 * 3;
```

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<script>
document.getElementById("demo").innerHTML = 100 / 50 * 3;
<script>
<html>
  <head>
    <title>JavaScript Type Conversions</title>
  </head>
  <body>
    <h2>JavaScript Type Conversions</h2>
    <p>How to use <b>catch</b> to display an error</p>
    <p id="demo"></p>
<script>
try {
  addAlert("Welcome guest!");
} catch (err) {
  document.getElementById("demo").innerHTML =
    "HTML = " + err.message;
}
<script>
<html>
  <head>
    <title>JavaScript Type Conversions</title>
  </head>
  <body>
    <h2>JavaScript Type Conversions</h2>
    <p>Converting the string "10" to other types</p>
    <p id="demo" style="font-family: courier;"></p>
<script>
let x = "10";
let y = Number(x);
let z = String(x);
let b = Boolean(x);
<script>
<html>
  <head>
    <title>JavaScript Type Conversions</title>
  </head>
  <body>
    <h2>JavaScript Type Conversions</h2>
    <p>Please input a number between 0 and 10:</p>
    <input type="button" value="Test Input" onclick="innerId='demo'>Type</input>
<script>
<html>

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<html>
  <body>
    <h2>JavaScript type conversions</h2>
    <p>converting Infinity to other types:</p>
    <p id="demo" style="font-family: monospace">
      <script>
        let x = Infinity
        document.getElementById("demo").innerHTML = x
      </script>
      "NaN" + Number(x) + "<br>" +
      "String(" + x + ")" + Number(x) + "<br>" +
      "Boolean(" + Boolean(x) +
    </body>
</html>

<!DOCTYPE html>
<html>
  <body>
    <h2>JavaScript type conversions</h2>
    <p id="demo" style="font-family: monospace">
      <script>
        let x = "20"
        document.getElementById("demo").innerHTML =
          "Number(" + x + ")" + "<br>" +
          "String(" + x + ")" + "<br>" +
          "Boolean(" + Boolean(x) +
    </script>
    </body>
</html>

```

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<!DOCTYPE html>
<html>
<body>
    <p>Converting an array with two numeric elements to other types:</p>
    <p id="demo" style="font-family: monospace">
        <script>
            var x = [10, 20];
            document.getElementById("demo").innerHTML =
                "Number: " + numbers[0] + " " +
                "String: " + strings[0] + " " +
                "Boolean: " + Boolean(x);
        </script>
    </body>
</html>
```

-

```
<!DOCTYPE html>
<html>
<body>
    <script>
        bin2dec = function bin2dec(bin) {
            return parseInt(bin, 2).toString(10);
        }
    </script>
    <body>
        <script>
            <!DOCTYPE html>
            <html>
            <body>
                <p>The typeof operator returns the type of a variable or expression:</p>
                <p id="demo"></p>
                <script>
                    let y = "John";
                    let x = +y;
                    document.getElementById("demo").innerHTML =
                        "typeof y: " + typeof y + " " +
                        "typeof x: " + typeof x;
                </script>
            </body>
        </html>
    </body>
</html>
```

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js">

<script>

<script>

\$(document).ready(function() {

\$("p").click(function() {

\$("this").hide();

});

});

</script>

</head>

<body>

<p> If you click me </p>

<p> Click me too</p>

</body>

</html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js">

<script>

<script>

\$(document).ready(function() {

\$("p").click(function() {

\$("this").hide();

});

});

</script>

</script>

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ID Selectors

<html>

<head>

<script src="https://cycloneclick.googleapis.com/js/unlibs/jquery/3.6.3/jquery.min.js">

</script>

<script>

\$("document").ready(function() {
 \$("button").click(function() {
 \$("#p10").hide();
 });
});

<script>

<body>

→ events method.

→ click

→ <html>

<head>

<script src="https://cycloneclick.googleapis.com/js/unlibs/jquery/3.6.3/jquery.min.js">

<script>

\$("document").ready(function() {
 \$("button").click(function() {
 \$("#p10").hide();
 });
});

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dblclick

> <html>
<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js">

<script>

\$document.ready(function() {

\$("p").dblclick(function() {

\$this.hide();

});

<script>

<body> If you double-click on me <p>

<p> click me wavy <p>

<p> click me too <p>

<body>

<html>

<head>

<script src="https://jquery.com/jquery.min.js">

</script>

\$document.ready(function() {

\$("p").dblclick(function() {

\$("p").hide();

<script>

<body>

<script>

\$document.click(function() {

\$("p").click(function() {

\$("p").hide();

<script>

<body>

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```
<html>
  <body>
    <script>
      $(document).ready(function() {
        $('#show').click(function() {
          $('#div1').fadeTo("slow", 1);
        });
        $('#hide').click(function() {
          $('#div1').fadeTo("slow", 0);
        });
      });
    </body>
  </html>

<html>
  <head>
    <script>
      $(document).ready(function() {
        $('#div1').click(function() {
          $('#div2').fadeToggle("slow");
        });
      });
    </head>
    <body>
      <div id="div1" style="width: 200px; height: 100px; background-color: red; display: none; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); z-index: 1;>
        Click me
      </div>
      <div id="div2" style="width: 100px; height: 50px; background-color: green; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); z-index: 2;>
        Hide me
      </div>
    </body>
  </html>

<html>
  <body>
    <p>Hi! How are you?</p>
    <script>
      $(document).ready(function() {
        $('#show').click(function() {
          $('#div1').fadeTo("slow", 1);
        });
        $('#hide').click(function() {
          $('#div1').fadeTo("slow", 0);
        });
      });
    </script>
  </body>
</html>
```

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```
$( "#flip" ).click( cfunction( () =>
  $( "#panel" ).slideToggle("slow");
));

```

```
<script>
  style
    #panel, #flip {
      padding: 5px;
      text-align: center;
      background-color: #e6e6fa;
      border: solid 2px #c3c3c3;
    }

```

```
<# panel>
  padding: 5px;
  display: none;

```

```
</style>
</head>
<script src="https://unpkg.gogleapis.com/
  jquery/lib/3.6.0/jquery.min.js">
</script>
<script>
  document. ready( cfunction( () =>
    $("button").click( cfunction( () =>
      $("#div").animate( { left: -1250px }, "slow" );
    ));
  ));
</script>
```

```
body>
  button> start Animation<br/>
  p> by default, all HTML elements have a
    static position<br/>
    <div style = "background: #33bfff; height:
      100px; width: 100px; position: absolute;">
      class>
        <body>
          <html>
```

<html>

<head>

<script src = "https://ajax.googleapis.com/
 js/3.6.3/jquery.min.js">

<script>

<script>

<document>.ready(function() {
 \$ ("button").click(function() {
 \$("div").css("background-color: red; width: 250px;
 opacity: 0.5; animation: rotate 5s linear infinite;
 width: 100px");
 });
});

</script>

<body>

</body>

</html>

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<!DOCTYPE html>

<html>

<head>

<script>

script = "https://njays.goodsapis.com/1jays/nbs/10years/13.6.31Jersey.min.js"

<script>

& document).ready(function() {

\$("#flip").click(function() {

\$("#panel").slideDown(500);

});

});

});

});

});

});

});

});

});

});

});

});

});

});

});

});

});

});

});

});

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Postscript

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<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Bootstrap example</title>
    <link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.6.3/css/bootstrap.min.css" rel="stylesheet"/>
  </head>
  <body>
    <h1>Hello</h1>
    <h2>Bootstrap heading (3.6.3)</h2>
    <h3>Bootstrap heading (3.6.3)</h3>
    <h4>Bootstrap heading (3.6.3)</h4>
    <h5>Bootstrap heading (3.6.3)</h5>
    <h6>Bootstrap heading (3.6.3)</h6>
    <div>
      <h1>Hello</h1>
      <h2>Bootstrap heading (3.6.3)</h2>
      <h3>Bootstrap heading (3.6.3)</h3>
      <h4>Bootstrap heading (3.6.3)</h4>
      <h5>Bootstrap heading (3.6.3)</h5>
      <h6>Bootstrap heading (3.6.3)</h6>
      <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
      <script>
        $(document).ready(function() {
          $("button").click(function() {
            $("p").text("Hello World!");
          });
        });
      </script>
    </div>
  </body>
</html>
```

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```
<div class="container">
<h1> Blockquote </h1>
<html>
<!--
<html lang="en">
<head>
<title> Bootstrap Example </title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.bundle.min.css" rel="stylesheet"/>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ge0s9bR6W8Tz9iZsK8v8G+P2UoBnQOoE8vxsq05D8tM9duqElLJNlYXmZuHd8g==" crossorigin="anonymous" referrerpolicy="no-referrer">
</body>
</div>
<h2> Alerts </h2>
<p> Alerts are created with the .alert class, followed by a contextual color.
<div class="alert alert-success" style="background-color: #e2f2e2;">
<strong> Success! </strong> This alert box could indicate a successful or positive action.
</div>
<div class="alert alert-danger" style="background-color: #ffe5e5;">
<strong> Warning! </strong> This alert box could indicate a warning that might need attention.

```

⇒ <ul class="list-group" style="list-style-type: none; padding-left: 0;">
 Previous
 Next

⇒ <h1 lang="en">
<head>
<title> Bootstrap Example </title>
<link rel="stylesheet" href="style.css" />

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```
<div class = "Panel-body"> Panel Content </div>
</div>
</body>
</html>

=> <html lang = "en">
    <head>
        <title> Bootstrap Example </title>
        <link rel = "stylesheet"
              href = "https://maxcdn.bootstrapcdn.com/bootstrap/
1.3.4.1/css/bootstrap.min.css">
    </head>
    <body>
        <div class = "containers">
            <h2> Basic Panel </h2>
            <div class = "panel panel-default">
                <h2> Basic Panel - Default </h2>
                </div>
            </div>
        </body>
    </html>

=> <html lang = "en">
    <head>
        <title> Bootstrap Example </title>
        <link rel = "stylesheet"
              href = "https://maxcdn.bootstrapcdn.com/bootstrap/
1.3.4.1/css/bootstrap.min.css">
    </head>
    <body>
        <div class = "containers">
            <h2> Basic Panel - Default </h2>
            <p> Add class .active to let the user know which
page he/she is on: </p>
            <ul class = "pagination">
                <li><a href = "#">1</a></li>
                <li><a href = "#">2</a></li>
                <li><a href = "#">3</a></li>
                <li><a href = "#">4</a></li>
            </ul>
            <div class = "panel panel-default">
                <h2> Panel Heading </h2>
            </div>
            <div class = "contains">
                <h2> Panel Heading </h2>
            </div>
            <div class = "panel panel-default">
                <h2> Panel Heading </h2>
            </div>
        </div>
    </body>
```