**Basic TypeCasting**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Basic Type Casting</title>

<script type="text/javascript">

// JavaScript variables can be converted to a new variable and another data type:

// By the use of a JavaScript function automatically by JavaScript itself.

// Converting Strings to Numbers

// Converting Numbers to Strings

// Converting Dates to Numbers

// Converting Numbers to Dates

document.write("<br/>" + Number("3.14787868")); // returns 3.14

document.write("<br/>" + Number(" ")); // returns 0

document.write("<br/>" + Number("")); // returns 0

document.write("<br/>" + Number("99 88")); // returns NaN

// The global method String() can convert numbers to strings.

let num = 111;

let s = String(100 + 23);

document.write("<br/>" + String(num));

document.write("<br/>" + String(123));

document.write("<br/>" + String(s + 100 + 23));

document.write("<br/>" + String("100" + "23") + String("100" + "23"));

// The Number method toString() does the same it convert numbers to strings.

document.write("<br/>" + num.toString());

document.write("<br/>" + String(num + num.toString()));

// parseInt()

document.write("<br/>" + parseInt("-10"));

document.write("<br/>" + parseInt("-10.33"));

document.write("<br/>" + parseInt("10"));

document.write("<br/>" + parseInt("10.33"));

document.write("<br/>" + parseInt("10 20 30"));

document.write("<br/>" + parseInt("years is:10"));

// parseFloat()

document.write("<br/>" + parseFloat("-10"));

document.write("<br/>" + parseFloat("-10.33"));

document.write("<br/>" + parseFloat("10"));

document.write("<br/>" + parseFloat("10.33"));

document.write("<br/>" + parseFloat("10 20 30"));

document.write("<br/>" + parseFloat("10 years"));

document.write("<br/>hello can not be convert to a number:" + parseInt("hello"));

</script>

</head>

<body>

</body>

</html>