

# Objects

## Web Technologies



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```
<!doctype html>
<html>
  <head>
    <title>
      Web Technologies
    </title>
    <style>
      p {
        color: blue;
      }
    </style>
    <script>
      console.log("client-side");
    </script>
  </head>
  <body>
    <p>
      Welcome!
    </p>
  </body>
</html>
```



# What we will cover

- **Objects**
  - Window
  - Document
  - Textbox
  - Number
  - Date
  - String
  - Function
  - Arrays

# Objects

- **Host objects**
  - Window
  - Document
- **JavaScript native objects**
  - Textbox
  - Number
  - Function
  - Arrays
  - String
  - Date

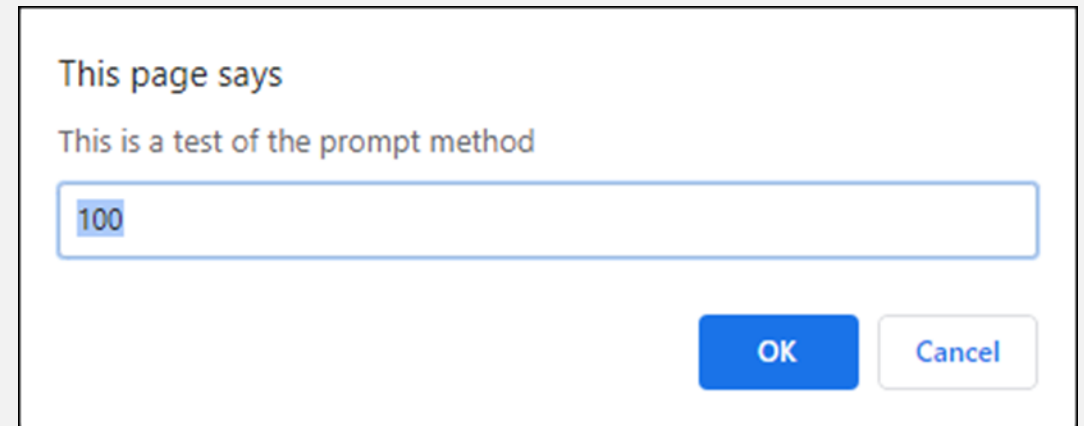
# Window Object

- **Methods**

- Alert (string)
- parseInt (string)
- parseFloat (string)
- Confirm (string)
- Prompt (string, default)

- **Example**

`window.prompt ("This is a test of the prompt method", 100);`



# Document Object

- **Methods**

- `querySelector (selector)`
- `querySelectorAll (selector)`

# Textbox Object

- **Methods**

- Focus()
- Select ()

- **Properties**

- Value
- Disabled

# Number Object

- **Method**
  - toFixed(digits)
  - isNaN()



# Date and String Objects

## Date Object

```
Const today = new Date ();
```

### Methods

```
getDate()
```

```
getMonth()
```

### Example

```
today.getDate()
```

## String Object

### Methods

```
toLowerCase()
```

```
toUpperCase()
```

# Function Object

```
function functionName (parameters) {...}
```

```
const functionName = function (parameters) {....}
```

- **Methods**

- call () – *this* keyword
- toString ()
- valueOf ()

# Array object

```
const arrayName = new Array (length);
```

- **Methods**
  - Push ()
  - Pop ()
  - Join ()
- **Property**
  - length

# Try It Yourself

In this activity you can practice how to call a method using the window object. So,

1. In your HTML file inside the `<script>` element use the code given on slide 5 to display a message on the webpage when you open it in your browser.