

Exos JavaScript

- Exo1 : Structure d'une page web en html5, création et appel d'une fonction en javascript

```
<!DOCTYPE html>
<html>
  <head>
    <script>
      function displayDate()
      {
        document.getElementById("demo").innerHTML=Date();
      }
    </script>
  </head>
  <body>
    <h1>My First JavaScript</h1>
    <p id="demo">This is a paragraph.</p>
    <button type="button" onClick="displayDate()">Display Date</button>
  </body>
</html>
```

- Exo2 : Evènements et alertes

```
<!DOCTYPE html>
<html>
  <body>
    <h1>My second JavaScript</h1>
    <p>
      JavaScript can react to events. Like the click of a button:
    </p>
    <button type="button" onclick="alert('Welcome!')">Click Me!</button>
  </body>
</html>
```

- Exo3 : Changement dynamique du style des éléments html

```
<!DOCTYPE html>
<html>
  <body>
    <h1>My third JavaScript</h1>
    <p id="demo">
      JavaScript can change the style of an HTML element.
    </p>
    <script>
      function myFunction()
      {
        x=document.getElementById("demo"); // Find the element
        if (x.style.color == "green")
        {
          x.style.color="red";
        }
        else
        {
          x.style.color="green";
        }
      }
    </script>
    <button type="button" onClick="myFunction()">Click Me!</button>
  </body>
</html>
```

- Exo4 : Utilisation de la syntaxe liée aux objets

```

<!DOCTYPE html>
<html>
  <body>
    <script>
      var personne=new Object();
      personne.prenom="Joe";
      personne.nom="Dalton";
      personne.age=50;
      var message1 = (personne.prenom + " " + personne.nom + " a " + personne.age + " ans<br />");
      document.write(message1);
      var message2 = message1.toUpperCase();
      document.write(message2);
    </script>
  </body>
</html>

```

- Exo5 : Structures de contrôle

```

<!DOCTYPE html>
<html>
  <body>
    <p>Click the button to display what day it is today.</p>
    <button onclick="myFunction()">Try it</button>
    <p id="demo"></p>
    <script>
      function myFunction()
      {
        var x;
        var d=new Date().getDay();
        switch (d)
        {
          case 0: x="Today it's Sunday";break;
          case 1: x="Today it's Monday";break;
          case 2: x="Today it's Tuesday";break;
          case 3: x="Today it's Wednesday";break;
          case 4: x="Today it's Thursday";break;
          case 5: x="Today it's Friday";break;
          case 6: x="Today it's Saturday";break;
        }
        document.getElementById("demo").innerHTML=x;
      }
    </script>
  </body>
</html>

```

- Exo6 : Gestion des exceptions

```

<!DOCTYPE html>
<html>
  <head>
    <script>
      var txt="";
      function message()
      {
        try
        {
          addlert("Welcome guest!");
        }
        catch(err)
        {
          txt="There was an error on this page.\n\n";
          txt+="Error description: " + err.message + "\n\n";
          txt+="Click OK to continue.\n\n";
          alert(txt);
        }
      }
    </script>
  </head>
  <body>
    <input type="button" value="View message" onclick="message()" />
  </body>
</html>

```

- Exo7 : Paramètres du navigateur

```
<!DOCTYPE html>
<html>
  <body onLoad="checkCookies()" >
    <script>
      function checkCookies()
      {
        if (navigator.cookieEnabled==true)
        {
          alert("Cookies are enabled");
        }
        else
        {
          alert("Cookies are not enabled");
        }
      }
    </script>
    <p>An alert box should tell you if your browser has enabled cookies or not.</p>
  </body>
</html>
```

- Exo8 : Passage d'objets en paramètres

```
<!DOCTYPE html>
<html>
  <body>
    <div onMouseover="mOver(this)" onMouseout="mOut(this)"
      style="background-color:#D94A38;width:120px;height:20px;padding:40px;">
      Passez le curseur ici</div>
    <script>
      function mOver(obj)
      {
        obj.innerHTML="Merci";
        obj.style.backgroundColor="rgb(0, 0, 255)";
      }
      function mOut(obj)
      {
        obj.innerHTML="Passez le curseur ici";
        obj.style.backgroundColor="rgb(255, 0, 0)";
      }
    </script>
  </body>
</html>
```

- Exo 9 : Appel périodique de fonction

```
<!DOCTYPE html>
<html>
  <body>
    <p>A script on this page starts this clock:</p>
    <p id="demo"></p>
    <script>
      setInterval("myTimer()",1000);
      function myTimer()
      {
        var d=new Date();
        var t=d.toLocaleTimeString();
        document.getElementById("demo").innerHTML=t;
      }
    </script>
  </body>
</html>
```