# Correction Série 01 javascript-12

1. ## Objectifs

   - Exécuter son premier script JavaScript avec un navigateur.

2. ## Exercice 01

   1. **Énoncé**

      Vous pouvez visualiser **l'énoncé de l'exercice**

   2. **Solution**

3. ## Exercice 02

   1. **Énoncé**

      Vous pouvez visualiser **l'énoncé de l'exercice**

   2. **Solution**

      1. **HTML**

```
<!DOCTYPE html>
<html lang="fr">
<head>
  <title>Calculatrice</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/
4.4.1/css/bootstrap.min.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/
4.7.0/css/font-awesome.min.css">
<link rel="stylesheet" href="styleCalculatrice.css" type="text/css">
```

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```
<script type="text/javascript" src="jsCalculatrice.js"></script>
</head>
<body>
  <div class="calculator card">

<form id="calculatrice" name="calc">
        <input type="text" name="display" class="calculator-screen z-depth-1"
 value="" disabled />

  <div class="calculator-keys">

      <button type="button" class="btn btn-info" value="+"
 OnClick="calc.display.value+='+'">+</button>
      <button type="button" class=" btn btn-info" value="-"
OnClick="calc.display.value+='-'">-</button>
      <button type="button" class=" btn btn-info" value="*"
OnClick="calc.display.value+='*'">&times;</button>
      <button type="button" class=" btn btn-info" value="/"
OnClick="calc.display.value+='/'">&divide;</button>

      <button type="button" value="7" class="btn btn-light"
OnClick="calc.display.value+='7'">7</button>
      <button type="button" value="8" class="btn btn-light "
OnClick="calc.display.value+='8'">8</button>
      <button type="button" value="9" class="btn btn-light "
OnClick="calc.display.value+='9'">9</button>


      <button type="button" value="4" class="btn btn-light"
OnClick="calc.display.value+='4'">4</button>
      <button type="button" value="5" class="btn btn-light "
OnClick="calc.display.value+='5'">5</button>
      <button type="button" value="6" class="btn btn-light "
OnClick="calc.display.value+='6'">6</button>


      <button type="button" value="1" class="btn btn-light "
OnClick="calc.display.value+='1'">1</button>
      <button type="button" value="2" class="btn btn-light "
OnClick="calc.display.value+='2'">2</button>
      <button type="button" value="3" class="btn btn-light "
OnClick="calc.display.value+='3'">3</button>
```

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```
      <button type="button" value="0" class="btn btn-light "
OnClick="calc.display.value+='0'">0</button>
      <button type="button" class="btn btn-secondary" value="."
OnClick="calc.display.value+='.'">.</button>
      <button type="button" class="btn btn-danger btn-sm"
 value="all-clear"OnClick="calc.display.value=''">AC</button>

      <button type="button" class="equal-sign btn btn-success" value="="
      OnClick="calc.display.value=eval(calc.display.value)">=</button>

    </div>
  </div>
</form>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/
3.3.1/jquery.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/
1.14.7/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/
4.3.1/js/bootstrap.min.js"></script>

</body>
</html>
```

2. **css**

```
html {
      font-size: 62.5%;
      box-sizing: border-box;
    }
    *,
    *::before,
    *::after {
      margin: 0;
      padding: 0;
      box-sizing: inherit;
    }
    .calculator {
      border: 1px solid #ccc;
      border-radius: 5px;
```

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```
      position: absolute;
      top: 50%;
      left: 50%;
      transform: translate(-50%, -50%);
      width: 400px;
    }
    .calculator-screen {
      width: 100%;
      height: 80px;
      border: none;
      background-color: #252525;
      color: #fff;
      text-align: right;
      padding-right: 20px;
      padding-left: 10px;
      font-size: 4rem;
    }
    button {
      background-color: #252525;
      height: 60px;
      font-size: 3rem!important;
    }
    .equal-sign {
      height: 100%;
      grid-area: 2 / 4 / 6 / 5;
    }
    .calculator-keys {
      display: grid;
      grid-template-columns: repeat(4, 1fr);
      grid-gap: 20px;
      padding: 20px;
    }
```

3. **Javascript**

```
document.onkeydown=function(evt)
{
  if((evt.keyCode>95) && (evt.keyCode<106))
  {
    var nbr = evt.keyCode-96;
    document.calc.display.value+=nbr;
```

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```
  }
  else if(evt.keyCode==107)
  {
    document.calc.display.value+='+';
  }
  else if(evt.keyCode==109)
  {
    document.calc.display.value+='-';
  }
  else if(evt.keyCode==106)
  {
    document.calc.display.value+='*';
  }
  else if(evt.keyCode==110||evt.keyCode==188||evt.keyCode==190)
  {
    document.calc.display.value+='.';
  }
  else if(evt.keyCode==13)
  {
    document.calc.display.value=eval(document.calc.display.value);
  }
  else if(evt.keyCode==111)
  {
    document.calc.display.value='';
  }
}
```

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## Sommaire du cours JavaScript

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