



**Exercise 1:** Give the following HTML code display

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <title>Exercice 1</title>
    <style>
      table, td, th {border: solid 1px black;border-collapse: collapse; padding: 2px}
    </style>
  </head>
  <body>
    <h1>Le CNAM Paris</h1>
    <p>L'entrée du CNAM : </p>
    <p>Le Cnam Paris est situé <strong>rue Saint Martin.</strong></p>
    <p>Le Cnam délivre des formations dans de nombreux domaines :</p>
    <ul>
      <li>
        Sciences dures:
        <ul>
          <li>Mathématiques ;</li>
          <li>Physique ;</li>
          <li>Biologie ;</li>
        </ul>
      </li>
      <li>Sciences Humaines : ...</li>
    </ul>
    <h2>Un tableau</h2>
    <table>
      <caption>
        Formations
      </caption>
      <tr>
        <th rowspan="4">Parcours</th>
        <th>Tronc commun</th>
        <th colspan="2">Spécialisation</th>
      </tr>
```

```
</tr>
<tr>
  <td></td>
  <th>Web</th>
  <th>Mobile</th>
</tr>
<tr>
  <td rowspan="2">Java</td>
  <td>HTML</td>
  <td rowspan="2">Android</td>
</tr>
<tr>
  <td>PHP</td>
</tr>
</table>
</body>
</html>
```

## Exercise 2:

- 1) Write JavaScript code which creates "Book" **object** representing a book with the following properties: "title", "author" and "number of pages".
- 2) Add a method to this object that displays the number of pages remaining to read, taking into account a parameter representing the number of pages already read.
- 3) Create an instance of this book.

# Typical Solution

## Exercise 1:

### Le CNAM Paris



L'entrée du CNAM :

Le Cnam Paris est situé **rue Saint Martin**.

Le Cnam délivre des formations dans de nombreux domaines :

- Sciences dures:
  - Mathématiques ;
  - Physique ;
  - Biologie ;
- Sciences Humaines : ...

### Un tableau

Formations

	Tronc commun	Spécialisation	
Parcours		Web	Mobile
	Java	HTML	Android
		PHP	

## Exercise 2:

```
// Book object creation
let Book = {
  title: "Le Seigneur des Anneaux",
  author: "J.R.R. Tolkien",
  numberOfPages: 1000,
  pagesRemaining: function(pagesRead) {
    let remaining = this.numberOfPages - pagesRead;
    console.log("You still have" + remaining + " pages to read.");
  }
};
// Creating a Book Instance and calling the method
let myBook= Object.create(Book);
myBook.title = "Harry Potter";
myBook.author = "J.K. Rowling";
myBook.numberOfPages = 500;
myBook.pagesRemaining(200); // We suppose that you have already read 200 pages
```