

## CSS DESCENDANT SELECTOR

- ◆ In CSS, Descendant selector is used to apply a style guideline to a specific element when it lies inside another element.

### Example:

- ◆ Style rule will apply to `<li>` element only when it lies inside `<ol>` tag.

```
ol li {  
    list-style-type: square;  
}
```

## Sample Code:

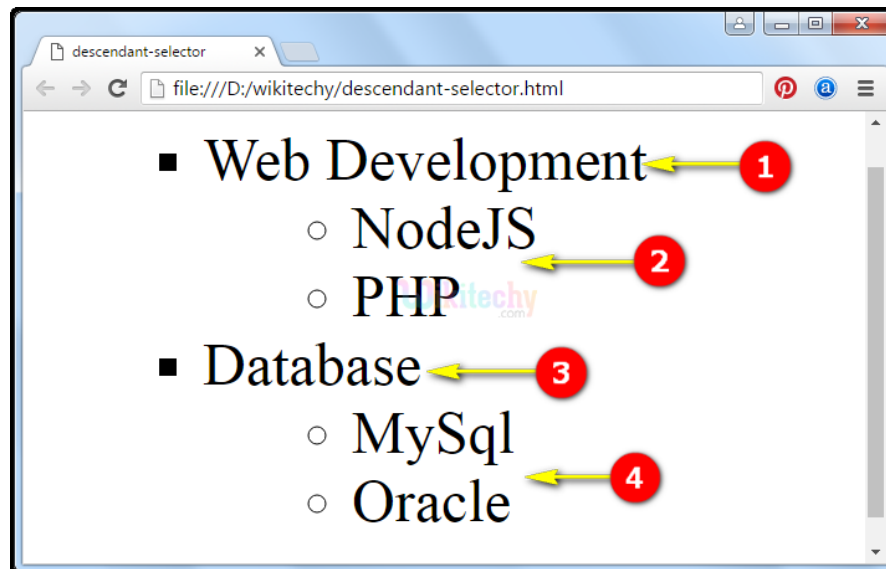
```
<!DOCTYPE html>
<html>
  <head>
    <style>
      ol li { list-style-type: square; }
      ul li { list-style-type: circle; }
    </style>
  </head>
  <body>
    <ol>
      <li>
        <div>Wikitechy</div>
        <ul>
          <li>Javascript</li>
          <li>CSS</li>
        </ul>
      </li>
      <li>
        <div>Wikicrazy</div>
        <ul>
          <li>HTML5</li>
          <li>CSS3</li>
        </ul>
      </li>
    </ol>
  </body> </html>
```

## Code Explanation:

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      ol li ← 1
      {
        2 → list-style-type: square;
      }
      ul li ← 3
      {
        4 → list-style-type: circle;
      }
    </style>
  </head>
  <body>
    <ol>
      <li>Web Development</li>
      <ul>
        <li>NodeJS</li>
        <li>PHP</li>
      </ul>
      <li>Database</li>
      <ul>
        <li>MySql</li>
        <li>Oracle</li>
      </ul>
    </ol>
  </body>
</html>
```

- 
- 1 Here, `ol li` is a **Descendant** Selector which selects all `<li>` elements inside `<ol>` elements.
  - 2 **List style type property** is used in css to assign a bullets for the list. Here we have assigned square bullets for the list which appears inside the ordered list.
  - 3 Here, `ul li` is a **descendant selector** which selects all `<li>` elements inside `<ul>` elements.
  - 4 **List style type property** with a value **circle** will assign a bullet for the list which appears inside the unordered list.

Output:



- 1 The list text **web Development** will have square bullet as displayed in the browser window.
- 2 The lists **NodeJS and PHP** will be displayed with circle bullet as displayed in the browser window.
- 3 Similarly, the list text **Database** which appears inside the ordered list `<ol>` element will be displayed with squared bullet in the browser window.
- 4 The lists **MySQL and Oracle** which appear inside the unordered list `<ul>` element will be displayed in the browser window with circle bullet as shown.