

Exercise – 3

DOM and Event Exercises

1. Consider the following HTML code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Document</title>
</head>
<body>
  <div class="header">
  </div>
  <section id="Department">
    <ul>
      <li class="first">one</li>
      <li class="second">two</li>
      <li class="third">three</li>
    </ul>
    <ol>
      <li class="first">one</li>
      <li class="second">two</li>
      <li class="third">three</li>
    </ol>
  </section>
  <div class="footer">
  </div>
</body>
</html>
```

Write the code necessary to do the following:

- Select the section with an id of Department without using querySelector.
- Select the section with an id of Department using querySelector.
- Select all of the list items with a class of "second".
- Select a list item with a class of third, but only the list item inside of the ol tag.
- Give the section with an id of Department the text "IT".
- Add the class main to the div with a class of footer.
- Remove the class main on the div with a class of footer.
- Create a new li element.
- Give the li the text "four".
- Append the li to the ul element.
- Loop over all of the lis inside the ol tag and give them a background color of "Blue".
- Remove the div with a class of footer.

2. Design an application w.r.t. following features.

- a. Consider simple codes for any SIX event handlers in Javascript.
- b. Call these event handlers through a main code.
- c. Devise your own way to call the individual codes [through options, entering code number, image click, selecting a text from a list etc...]