

Tutorial #3 – JavaScript 1

You can simply write out your answers here on the page. I have also provided a file named `tutorial3.html` which contains a `<script>` element where you can run your JavaScript if you so wish.

Exercise 1

Use the `prompt()` function to ask the user for the number of minutes. Then use `alert()` to output the number of seconds. Be sure to create variables for minutes and seconds.

Exercise 2

Use `prompt` twice to ask the user for a country and a city in that country. Create a string variable in the form “**city** is the capital of **country**”, but replace city and country with user inputted values. Use concatenation operator for this task. Using `console.log`, output the string variable.

Exercise 3

Do the same task but use template literals.

Exercise 4

Create an array of country names. Write two versions of the ``for`` loop (regular ``for`` and ``for...of``) to output each country name to the console.

Exercise 5

```
const links = [
  ["http://www.discord.com", "Discord Home"],
  ["http://www.cbc.ca/news", "CBC"],
  ["http://globalnews.ca/canada", "Global News"],
  ["http://www.google.com", "Google"]
];
```

Use the above array in this exercise. Use `document.write()` and a loop to output an unordered list of hyperlinks (`Discord Home`)

Exercise 6

Modify your previous exercise, so that it adds the following class (`class="news"`) to the hyperlink if the URL value contains the text "news" ... e.g.,

```
<a href="http://www.cbc.ca/news" class="news">CBC</a>
```

Use the `search()` method of the string to find "news".