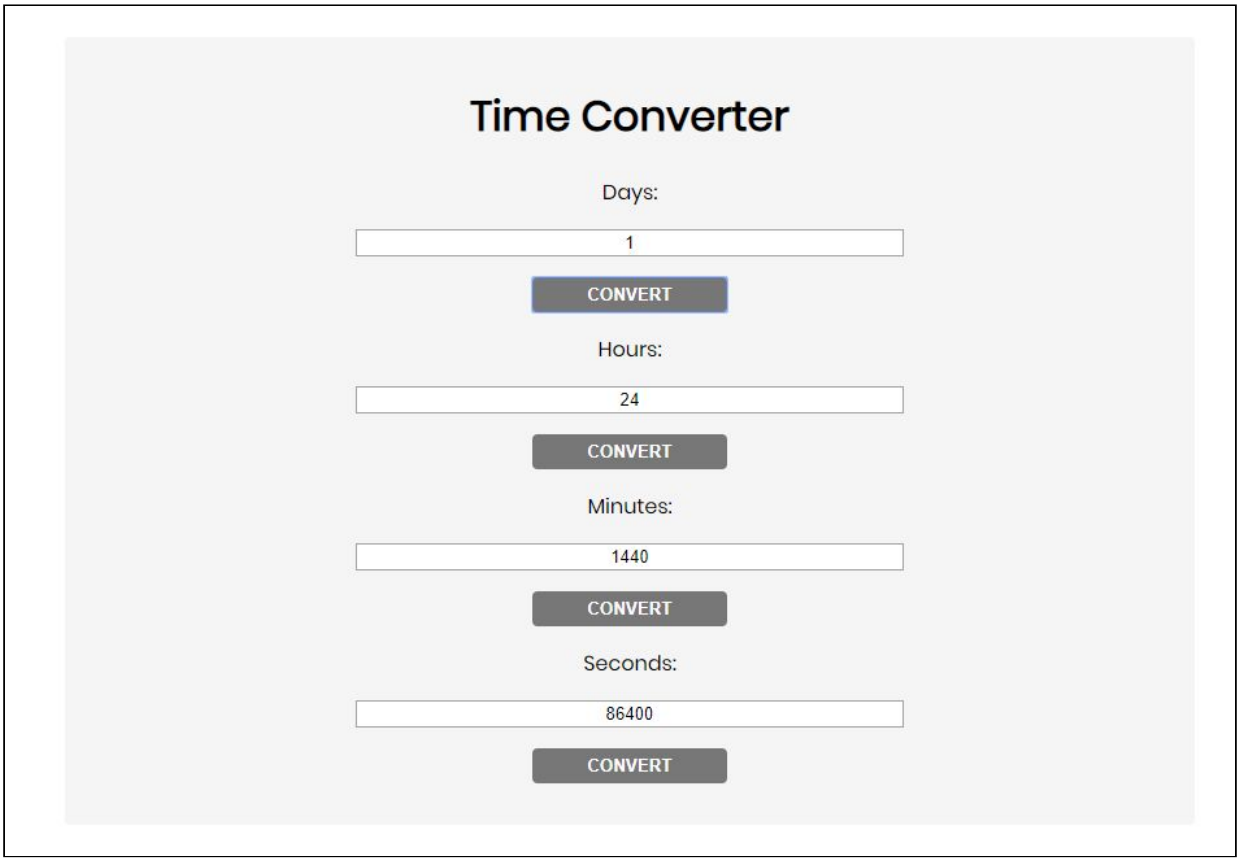
More Exercise: DOM Manipulations

1. Time Converter

Create a program that **converts** different time units. Your task is to add a **click** event listener to **all** [**CONVERT**] **buttons**. When a button is **clicked**, read the **corresponding** input field, **convert** the value to the **three other** time units and **display** it in the input fields.

Example



One day is equal to 24 hours/1440 minutes/86400 seconds. Whichever button we **click,** the input fields should **change** depending on the added value on the left. (For example, if we write 48 hours and click convert the days, the field value should change to 2).

What to submit?

Zip file containing the following:

- solution.js
- style.css
- index.html

File Name: TIME-CONVERTER.zip

2. Locked Profile

In this problem, you should **create a JS functionality** which **shows** and **hides** the additional information about users.

When one of the [**Show `more`**] **buttons** is clicked, the **hidden information** inside the div should be shown, only if **the profile is not locked**! If the current profile is **locked,** nothing should happen.

If the **hidden information is displayed** and we **lock the profile again**, the [**`Hide it`**] button should **not be working**! Otherwise, when the profile is **unlocked** and we click on the **`[Hide it]`** button, the new fields must hide again.

What to submit?

Zip file containing the following:

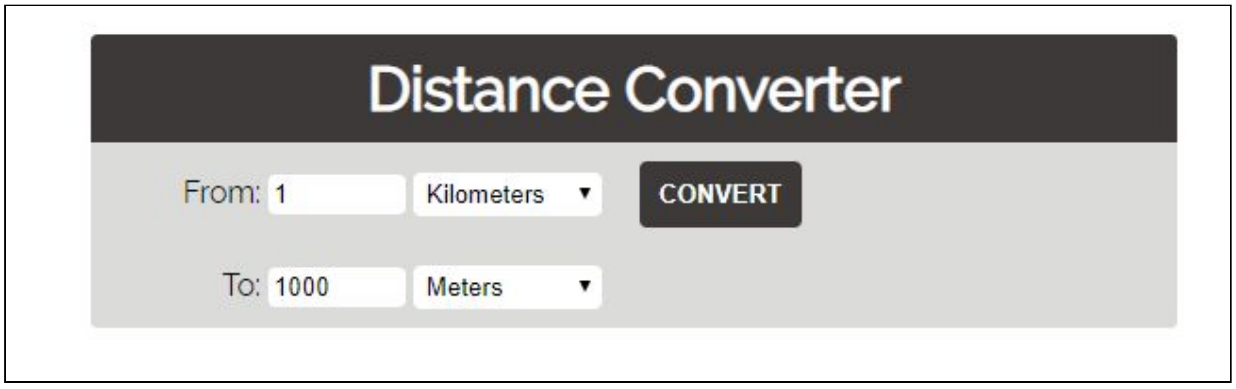
- app.js
- template.css
- template.html

File Name: LOCKED-PROFILE.zip

3. Distance Converter

Your task is to convert from **one** distance unit to **another** by adding a **click** event listener to a button. When it is clicked, **read** the value from the input field and **get** the **selected** option from the **input** and **output** units drop downs. Then **calculate** and **display** the converted value in the **disabled** output field.

Example



Hints

- Multiply the incoming distance by the following conversion rates to convert to meter
- Divide to convert from meters to the required output unit
- To see which option is selected, read the properties of its parent: **value** gives you the value of the selected option (as displayed in the HTML), **selectedIndex** gives you the 0-based index of the selected option. For example, if miles are selected, **inputUnits.value** is "**mi**", **inputUnits.selectedIndex** is **4**. Option text is irrelevant
- Use the following table information to do that:

`1 km`	`1000 m`
`1 m`	`1 m`
`1 cm`	`0.01 m`
`1 mm`	`0.001 m`
`1 mi`	`1609.34 m`
`1 yrd`	`0.9144 m`
`1 ft`	`0.3048 m`

1 in	0.0254 m

What to submit?

Zip file containing the following:

- distanceConverter.js
- distanceConverter.css
- converter.html

File Name: DISTANCE-CONVERTER.zip