Learning2

Moodle ▶ Omat kurssini ▶ Informaatiotieteiden yksikkö / School of Information Sciences ▶ TIEVA31 (3) ▶ Introduction and Basics ▶ Exercise 1.3 (Small 3/2 points)

Exercise 1.3 (Small 3/2 points)

You can do the exercise with NetBeans and its GUI Builder, or with React/create-react-app and Material-UI.
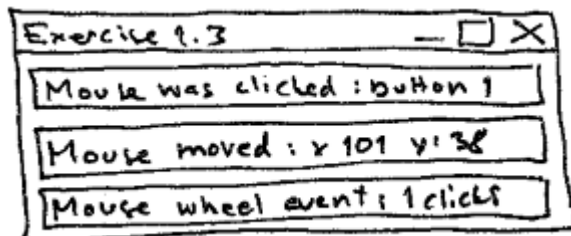
The application consists of a three text field.

Create three different kinds of mouse related listeners:

- MouseListener (Java), onMouseDown (JavaScript)
- MouseMotionListener (Java), onMouseMove (JavaScript) and
- MouseWheelListener (Java), onWheel (JavaScript).

In Java program, register each into the window. In JavaScript, attach them to appropriate element, e.g., top level <div> around the UI.

The listeners should each update one of the text fields by updating the text in it. The events should add relevant text (decide the actual content yourself but include mouse coordinates for mouse move etc).

Once you have the program running, experiment with it to see how often different events are produced.

If you make create the program in NetBean, return the assignment as a single zip file. Compress the NetBeans project folder to a zip and submit it. You can see the location of the project when you create a new one or any time in project properties (select project from Projects list and in File menu, you can find selection to view its properties). In Windows, by default, NetBeans stores projects under user's Documents folder under NetBeansProject folder.

If you are using React and create-react-app, return only the App.js file (the file name may be different but it should be equivalent file).

Palautuksen tila

Tämän tehtävän voi palauttaa aikaisintaan **tiistai, 7 maaliskuu 2017, 18:00**

Palautuksen tila	Ei suorituskertoja
Arvioinnin tila	Ei arvioitu
Palautettava viimeistään	torstai, 16 maaliskuu 2017, 12:00
Palautusaikaa jäljellä	8 päivää 22 tuntia