Tic-Tac-Toe Step 1: Base component

# Introduction:

In this first exercise we’ll start our multifile **Tic-Tac-Toe** project. We start by creating a **base component** for our game. Here we will render the components, and eventually add the calculation functions for the winner. The base component will work kind of like our App.js file in the previous exercises.

The game will consist of 5 separate files:

* TicTacToe.jsx**:** Base component where we will render the game using the components we create
* Square.jsx: Individual box that we build the board with
* Board.jsx: Component where we will render our board using 9 of the Square components (3x3)
* ScoreBoard.jsx: Component that will keep track of the games won and display the current turn
* TicTacToe.css: Stylesheet that we will align the board and make the board lines (will be copied)

# Creating the base component and linking CSS:

Start by creating **TicTacToe.jsx** file inside the tictactoe folder and building a base for the component:

import React from "react";

export const TicTacToe = () => {

    return (

        <div>

        </div>

    );

}

We’re going to have to do a bit of styling for the game so we can align the Square components in a 3x3 board and draw the lines of the board. We will make that happen with an **external stylesheet**. This tutorial is not aimed towards learning CSS, so we’re going to **copy** that part and continue without worrying about it.

So, under our tictactoe folder create a file called **TicTacToe.css** and copy the text from [here](TicTacToe.css.docx) into the stylesheet and link that to the top of our TicTacToe.jsx file like shown below:

import './TicTacToe.css';

**If you have made your own stylesheet for the previous exercises, you can also copy the text in there.**

# Rendering the base component in App.js and Router.jsx:

Remember to add the component to our App.js file and the Router.jsx. This is our base component so it will contain multiple components inside, we can render it l**ike any other component** before. That is the beauty of React, the components can be used multiple times and one component can have multiple components **inside itself**. The linking will be identical to the way we previously did with the first components.

# Header:

To have something on our page from the start, let’s add a **header** at the top. Let’s simply make it the title of the game:

import React from "react";

import './TicTacToe.css';

export const TicTacToe = () => {

    return (

        <div>

            <h1>Tic-Tac-Toe</h1>

        </div>

    );

}

Graphical user interface, text, application, email

Description automatically generated

Now that we have the base component all set up, we can start building the game board in the next exercise with Square and Board components. **See you there!** 😊