SOLUTION – CODING ACTIVITY 6.2

App.js

import "./tictac.css";

import { useState } from "react";

*function* Square({ *id*, *player*,*changePlayer* }) {

*const* [color, setColor] = useState("green");

*let* palet = ["red", "pink"];

*let* nextplayer=(*player*+1) % 2

*function* getrandomcolor(){

    return palet[Math.floor(Math.random()\*2)];

  }

  return (

    <button

      onClick={(*e*) *=>* {

        setColor(getrandomcolor());

*e*.target.style.background = color;

        changePlayer(nextplayer)

      }}  ></button>

  );

}

export default *function* App() {

*const* [player, setPlayer] = useState(1);

*let* status = `Player ${player}`;

*function* rendersquare(*id*) {

    return <*Square* id={*id*} player={player} changePlayer={changePlayer}></*Square*>;

  }

*function* changePlayer(*p*){

    setPlayer(*p*)

  }

  return (

<>

 <h1>React Tic-Tac-Toe</h1>

<div className="game-board">

<div className="grid-row" >

        { rendersquare(0)}

        {  rendersquare(1)}

        { rendersquare(2)}

      </div>

      <div>

        <h1>{status}</h1>

        <button >Change player</button>

      </div>

    </div>

 </>

  );

}

Styles.css

body{

*margin-top*: 1%;

}

.App {

*font-family*: sans-serif;

*text-align*: center;

}

button {

*background-color*: #0c80f3;

*border*: 6px solid #0ff166;

*border-radius*: 10px;

  /\* width: 100%;

  padding: 42%; \*/

}

.game-board {

*width*: 600px;

*height*: 600px;

*margin*: 0 auto;

*background-color*:gray ;

*color*: rgb(204, 28, 28);

*border*: 6px solid #0b0d0f;

*border-radius*: 10px;

*display*: grid;

*grid-template-rows*: 1fr 1fr 1fr;

*grid-template-columns*: 1fr;

}

.grid-row {

*border*: 6px solid #739dc7;

*border-radius*: 6px;

*font-family*: Helvetica;

*font-weight*: bold;

*font-size*: 4em;

*display*: grid;

*grid-template-rows*: 1fr;

*grid-template-columns*: 1fr 1fr 1fr;

*position*: sticky;

*background-color*: rgb(175, 70, 70);

}

.block {

*background-color*: rgb(219, 28, 28);

*border*: 6px solid green;

*border-radius*: 6px;

*font-family*: Helvetica;

*font-weight*: bold;

*font-size*: 20em;

}

Sample Output





