



```
1  <!DOCTYPE html>
2  <html Lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>React_W2_wordrelay</title>
8  </head>
9  <body>
10     <div id = "root"></div>
11     <script src="./dist/app.js"></script>
12
13 </body>
14 </html>
```



```
1  {
2    "name": "wordrelay",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
6    "scripts": {
7      "dev": "webpack serve --env development"
8    },
9    "author": "CJH",
10   "license": "ISC",
11   "dependencies": {
12     "react": "^17.0.2",
13     "react-dom": "^17.0.2"
14   },
15   "devDependencies": {
16     "@babel/core": "^7.15.5",
17     "@babel/preset-env": "^7.15.4",
18     "@babel/preset-react": "^7.14.5",
19     "@pmmmwh/react-refresh-webpack-plugin": "^0.4.3",
20     "babel-loader": "^8.2.2",
21     "react-refresh": "^0.9.0",
22     "webpack": "^5.52.0",
23     "webpack-cli": "^4.8.0",
24     "webpack-dev-server": "^3.11.2"
25   }
26 }
27
```





```
1  const path = require('path');
2  const { webpack } = require('webpack');
3  const LoaderOptionsPlugin = require('webpack/lib/LoaderOptionsPlugin');
4  const RefreshWebpackPlugin = require("@pmmmwh/react-refresh-webpack-plugin");
5  module.exports = {
6    mode: 'development',
7    devtool: 'eval', //서비스시 hidden-source-map
8    resolve: {
9      extensions: ['.jsx', '.js'],
10   },
11
12   entry: {
13     app: './client',
14   },
15
16   module: {
17     rules: [{
18       test: /\.jsx?$/,
19       loader: 'babel-loader',
20       options: {
21         presets: [
22           ['@babel/preset-env', {
23             targets: {
24               browsers: ['> 5% in KR', 'last 2 chrome versions'],
25             },
26             debug: true,
27           }],
28           '@babel/preset-react'
29         ],
30         plugins: [
31           'react-refresh/babel',
32         ],
33       }
34     }],
35   },
36
37   plugins: [
38     new LoaderOptionsPlugin({ debug : true }),
39     new RefreshWebpackPlugin()
40   ],
41
42   output: {
43     filename: 'app.js',
44     path: path.join(__dirname, "dist"),
45     publicPath: '/dist/',
46   },
47
48   devServer: {
49     publicPath: '/dist/',
50     hot: true,
51   },
52 };
53
```





```
1  const React = require('react');
2  const { Component } = React;
3  const { useState, useRef } = React;
4
5  const WordRelay = () => {
6    const [word, setWord] = useState('차지환');
7    const [value, setValue] = useState("");
8    const [result, setResult] = useState("");
9    const inputRef = useRef(null);
10
11    const onSubmitForm = (e) => {
12      e.preventDefault();
13      if (word[word.length-1] === value[0]) {
14        setResult("성공!");
15        setWord(value);
16        setValue(""),
17        inputRef.current.focus();
18      } else {
19        setResult("땡!");
20        setValue(""),
21        inputRef.current.focus();
22      }
23    };
24    const onChangeInput = (e) => {
25      setValue(e.target.value);
26    };
27
28    return (
29      <>
30        <div>{word}</div>
31        <form onSubmit={onSubmitForm}>
32          <label id = "label" htmlFor="wordInput">글자를 입력하세요</label>
33          <br />
34          <input className = "wordInput" ref={inputRef} value={value} onChange={onChangeInput}></input>
35          <button>입력!</button>
36        </form>
37        <div>{result}</div>
38      </>
39    )
40  }
41
42  module.exports = WordRelay;
43
44
```





```
1  const React = require('react');  
2  const ReactDOM = require('react-dom');  
3  const WordRelay = require("./WordRelay");  
4  
5  ReactDOM.render(<WordRelay />, document.querySelector('#root'));
```