



TECHNOLOGICAL UNIVERSITY OF TIJUANA

App designs

4 D

Practice 1 hello world

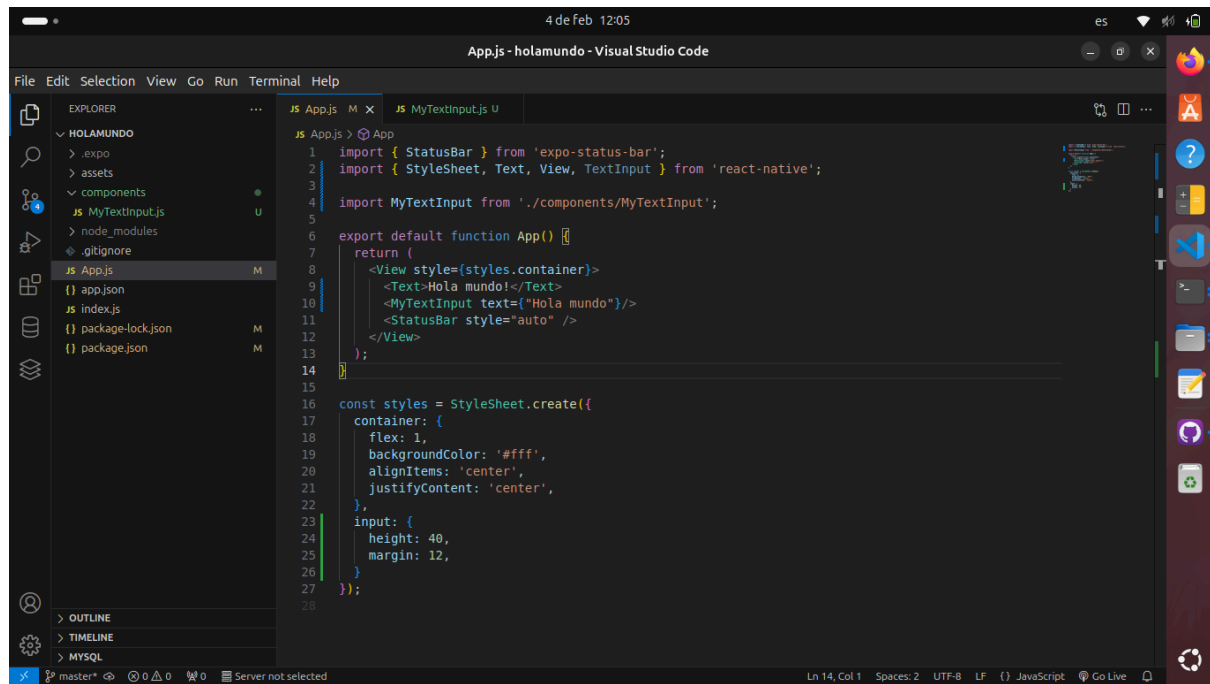
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This is the first practice that was carried out in the laboratory, in this practice what is react native and javascript in the creation of mobile apps was opened for the first time. The only thing that was done was display the hello world message.

Code of the practice carried out, which shows how a function that was carried out in another file is being used to be able to display the hello world message.



```
App.js - holamundo - Visual Studio Code
4 de feb 12:05
es

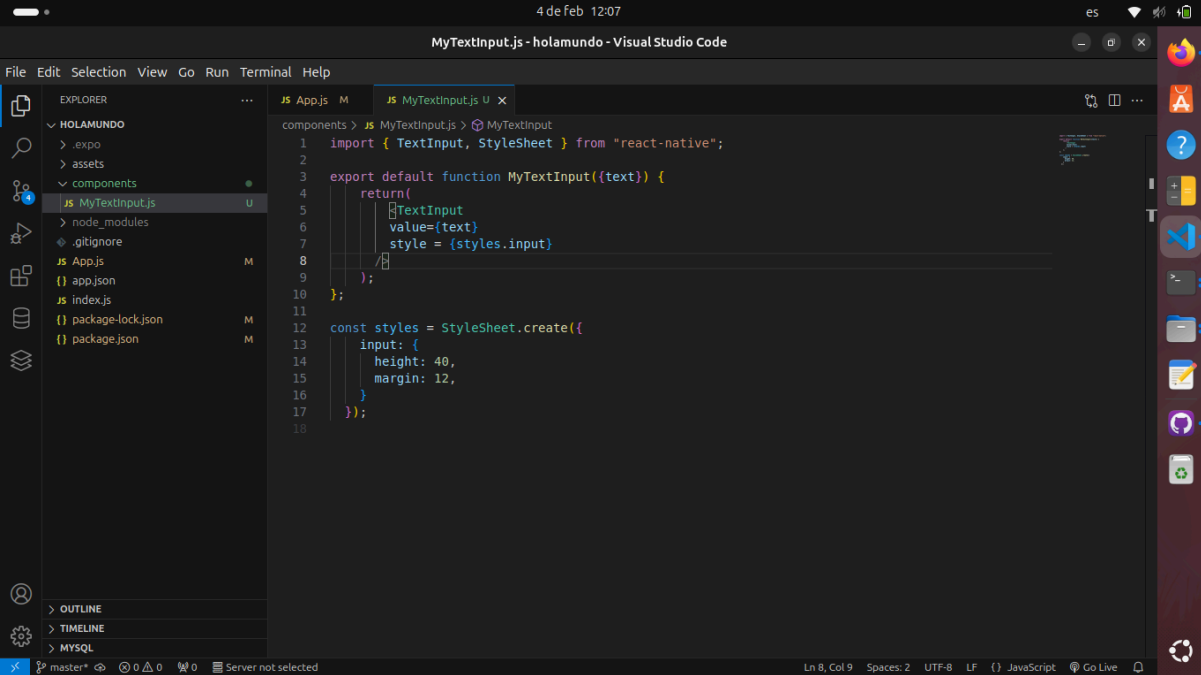
File Edit Selection View Go Run Terminal Help

EXPLORER
HOLAMUNDO
  > expo
  > assets
  > components
    JS MyTextInput.js
  > node_modules
  > .gitignore
JS App.js
  () app.json
  JS index.js
  () package-lock.json
  () package.json

JS App.js
1 import { StatusBar } from 'expo-status-bar';
2 import { StyleSheet, Text, View, TextInput } from 'react-native';
3
4 import MyTextInput from './components/MyTextInput';
5
6 export default function App() {
7   return (
8     <View style={styles.container}>
9       <Text>Hola mundo!</Text>
10      <MyTextInput text="Hola mundo"/>
11      <StatusBar style="auto" />
12    </View>
13  );
14
15
16 const styles = StyleSheet.create({
17   container: {
18     flex: 1,
19     backgroundColor: 'ffff',
20     alignItems: 'center',
21     justifyContent: 'center',
22   },
23   input: {
24     height: 40,
25     margin: 12,
26   }
27 });
28

> OUTLINE
> TIMELINE
> MYSQL
master* 0 0 0 0 Server not selected
Ln 14, Col 1 Spaces: 2 UTF-8 LF {} JavaScript Go Live
```

Code of the function that was performed to display the message in the mobile application.



The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left displays the project structure for 'HOLAMUNDO', with 'components/MyTextInput.js' selected. The main editor area shows the code for 'MyTextInput.js'. The code imports 'TextInput' and 'StyleSheet' from 'react-native' and defines a function 'MyTextInput' that returns a 'TextInput' component with a value and style. The style is defined as an object with 'height: 40' and 'margin: 12'.

```
1 import { TextInput, StyleSheet } from "react-native";
2
3 export default function MyTextInput({text}) {
4   return(
5     <TextInput
6       value={text}
7       style = {styles.input}
8     />
9   );
10 };
11
12 const styles = StyleSheet.create({
13   input: {
14     height: 40,
15     margin: 12,
16   }
17 });
18
```

The status bar at the bottom indicates the file is 'MyTextInput.js', the project is 'holamundo', and the language is 'JavaScript'. The status bar also shows 'Ln 8, Col 9', 'Spaces: 2', 'UTF-8', 'LF', and 'Go Live'.

Image showing the result in a web browser, where you can see how the hello world message is being displayed twice.

Hola mundo!

Hola mundo