





TECHNOLOGICAL INSTITUTE OF THE STATE OF AGUASCALIENTES INFORMATION AND COMMUNICATION TECHNOLOGY ENGINEERING

Multi-platform mobile applications

Theme 2
Interface design

1.- Documentation of the Practices

Student: Francisco Javier Macias Martínez

Teacher: M. C. Fernando Robles Casillas

<u>Class</u>: 11:00-12:00

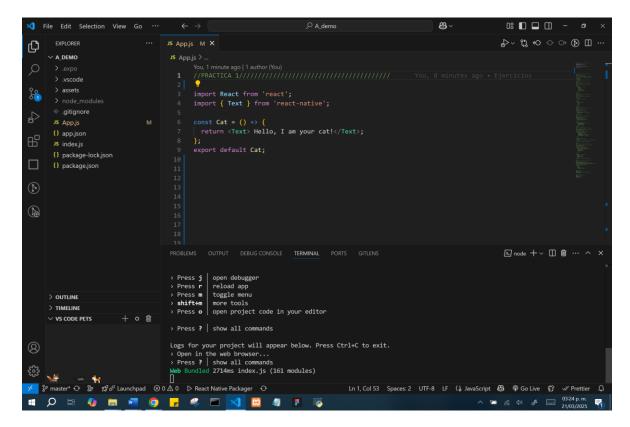
21/03/2025

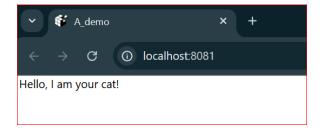
Practicas

Practica 1__

```
import React from 'react';
import { Text } from 'react-native';

const Cat = () => {
  return <Text> Hello, I am your cat!</Text>;
};
export default Cat;
```



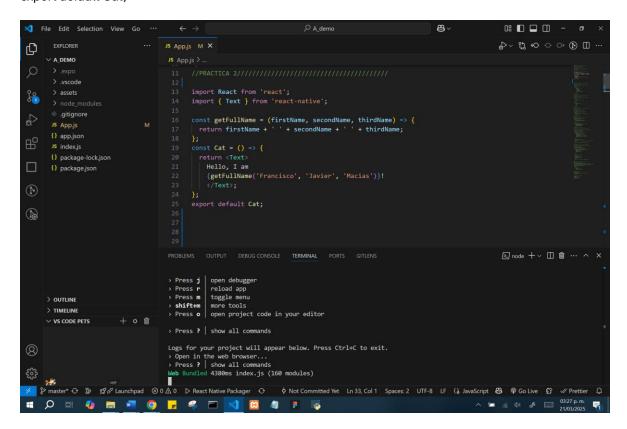


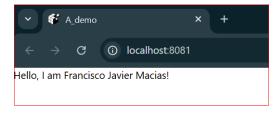
```
import React from 'react';
import { Text } from 'react-native';

const getFullName = (firstName, secondName, thirdName) => {
  return firstName + ' ' + secondName + ' ' + thirdName;
};

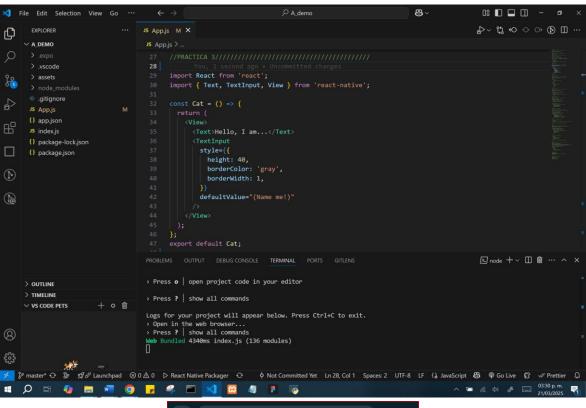
const Cat = () => {
  return < Text>
    Hello, I am
    {getFullName('Francisco', 'Javier', 'Macias')}!
    </Text>;
};

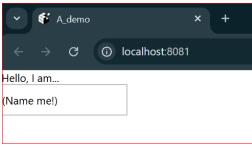
export default Cat;
```



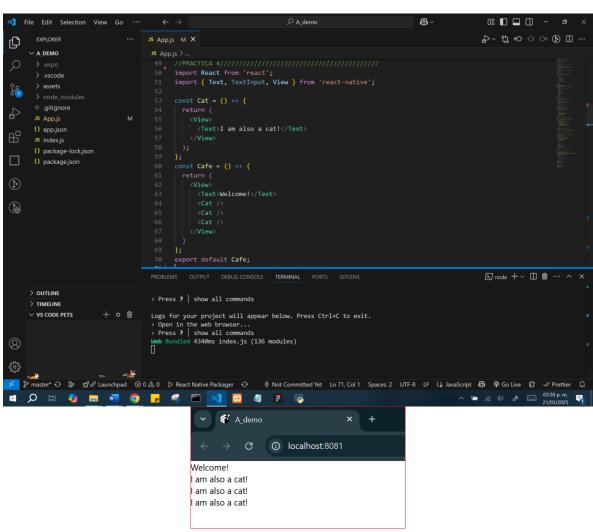


```
import React from 'react';
import { Text, TextInput, View } from 'react-native';
const Cat = () => {
 return (
  <View>
   <Text>Hello, I am...</Text>
   <TextInput
    style={{
     height: 40,
     borderColor: 'gray',
     borderWidth: 1,
    }}
    defaultValue="(Name me!)"
  />
  </View>
);
};
export default Cat;
```



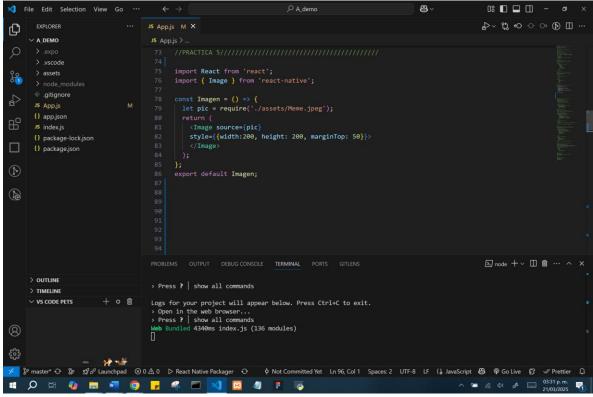


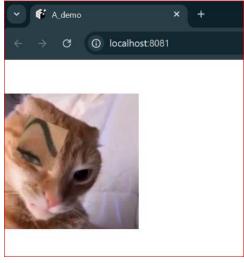
```
Practica 4
import React from 'react';
import { Text, TextInput, View } from 'react-native';
const Cat = () => {
 return (
 <View>
   <Text>I am also a cat!</Text>
 </View>
);
};
const Cafe = () => {
 return (
 <View>
   <Text>Welcome!</Text>
   <Cat />
   <Cat />
   <Cat />
  </View>
)
};
export default Cafe;
```



```
import React from 'react';
import { Image } from 'react-native';

const Imagen = () => {
  let pic = require('./assets/Meme.jpeg');
  return (
    <Image source={pic}
    style={{width:200, height: 200, marginTop: 50}}>
    </Image>
  );
};
export default Imagen;
```





```
Practica 6
import React from 'react';
import { Text, View } from 'react-native';
const Greeting = (props) => {
 return (
  <View style={{alignItems: 'center'}}>
   <Text>Hello {props.name}!</Text>
  </View>
);
};
const LotsOfGreetings = () => {
 return (
  <View style={{alignItems: 'center', top:50}}>
   <Greeting name="Rexxar"/>
   <Greeting name="Jaina"/>
   <Greeting name="Valeera"/>
  </View>
);
};
```

📢 File Edit Selection View Go … æ, 08 🔲 🔲 🗆 EXPLORER 凸 ∨ A DEMO import React from 'react';
import { Text, View } from 'react-native';
const Greeting = (props) => { gitignore d a <View style={{alignItems: 'center'}}>
<Text>Hello {props.name}!</Text> {} app.json JS index.js () package-lock.json {} package.json <Greeting name="Valeera"/</pre> export default LotsOfGreetings;

> Press ? | show all commands

cogs for your project will appear below. #
) Open in the web browser...
) Press ? | show all commands
Web Bundled 4340ms index.js (136 modules)

Logs for your project will appear below. Press Ctrl+C to exit.

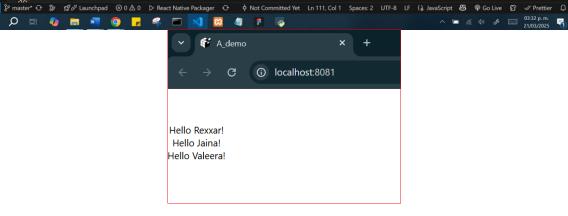
export default LotsOfGreetings;

> OUTLINE

> TIMELINE V VS CODE PETS

(2)

0



□ node + ∨ □
 □ ··· ^ ×

```
import { StyleSheet, View, TextInput } from "react-native";
import { useState } from "react";
export default function App() {
 const [message, setMessage] = useState("");
                                                                          C (i) localhost:8081
 return (
  <View style={styles.container}>
   <TextInput
    placeholder="Enter message here"
    value={message}
    onChangeText={(text) => setMessage(text)}
    style={styles.input}
    onSubmitEditing={() => alert(message)}
   />
  </View>
 );
                                                                                                                     Enter message here
const styles = StyleSheet.create({
 container: {
  flex: 1,
  backgroundColor: "#fff", alignItems: "center", justifyContent: "center",
 },
 input: {
  fontSize: 20, color: "#228B22", fontWeight: "bold",
 },
});
 📢 File Edit Selection View Go …
                                                             A demo
                                                                                                        08 🔲 🖿 🖽 —
                                                                                                       0
                               ∨ A DEMO
                                    export default function App() {
   const [message, setMessage] = useState("");
       gitignore
      {} app.json
                                          placeholder="Enter message here"
      {} package-lock.ison
                                           value={message}
onChangeText={(text) => setMessage(text)}
      {} package.json
                                           onSubmitEditing={() => alert(message)}
                                      container: {
                                       backgroundColor: "#fff", alignItems: "center", justifyContent: "center",
                                        fontSize: 20, color: "#228B22", fontWeight: "bold",
      > OUTLINE
      > TIMELINE

∨ VS CODE PETS

                      + o 🛍

    □ node + ∨ □ 
    □ ··· ^ ×

                               Web Bundled 4340ms index.js (136 modules)
 (<u>R</u>)
                Ø S Launchpad ⊗ 0 △ 0 ▷ React Native Packager ↔
                                                                    Ln 122, Col 29 Spaces: 2 UTF-8 LF ( } JavaScript 🔠 @ Go Live ত্ৰ ✓ Prettier 🚨
                                                                                                  ^ 🛥 🦟 Ф 🦸 💮 03:34 р. т.
```

```
import {StyleSheet, View, Text, Button } from "react-native";
import {useState} from "react";
export default function App() {
                                                                             A_demo
 const [number, setNumber] = useState(0);
 return (
                                                                                             (i) localhost:8081
  <View style={StyleSheet.container}>
                                                                                     G
   <Text style={StyleSheet.number}>{number}</Text>
   <Button
   title="Change State"
                                                                     CHANGE STATE
   onPress={() => {
    setNumber(number + 1);
   }}
   />
                                                                             A_demo
  </View>
 );
                                                                                     G
                                                                                             (i) localhost:8081
const styles = StyleSheet.create({
 container: {
  flex: 1,
                                                                     CHANGE STATE
  backgroundColor: "#fff",
  alignItems: "center",
  justifyContent: "center",
 },
 number: {
  fontSize: 20, color: "#228B22", fontWeight: "bold",
 },
});
                                                                                    88 ~
                                                                                                  08 🔲 📟 🖽
                                                                                                 EXPLORER
 Ð
                             import (StyleSheet, View, Text, Button ) from "react-native";
import (useState) from "react";
                                                        = useState(0):
                                      <View style={StyleSheet.container}>
<Text style={StyleSheet.number}>{number}</Text>
      {} app.json
      JS index.js
      {} package-lock.json
 onPress={() => {
   setNumber(number + 1);
                                    container: {
                                     backgroundColor: "#fff",
alignItems: "center",
                                     justifyContent: "center",
     > OUTLINE
                                                                                                 ≥ node + ~ □ · ·· · · ×
                                                      TERMINAL
                             Web Bundled 4340ms index.js (136 modules)
                          .
⊗ 0 🛆 0 D React Native Packager ↔ 💠 Not Committed Yet Ln 168, Col 1 Spaces: 2 UTF-8 LF (à JavaScript 👪 📦 Go Live 🐒 🛷 Prettier 🚨
    O H 🐠
                    🚾 🧑 🥝 🤻 🖺
```

```
import * as React from 'react';
import {View, Text} from 'react-native';
import {NavigationContainer} from '@react-navigation/native';
import {createNativeStackNavigator} from '@react-navigation/native-stack';
const Stack = createNativeStackNavigator();
function HomeScreen () {
 return (
                                                          € Home
  <View
  style={{
                                                               G
                                                                     (i) localhost:8081
  flex:1,
  alignItems: 'center',
  justifyContent:'center'}}/>
                                                      Home
}
function RootStack () {
return (
<Stack.Navigator>
<Stack.Screen name="Home" component = {HomeScreen} />
</Stack.Navigator>
);
}
export default function App() {
return (
<NavigationContainer>
<RootStack />
</NavigationContainer>
);
}
```

