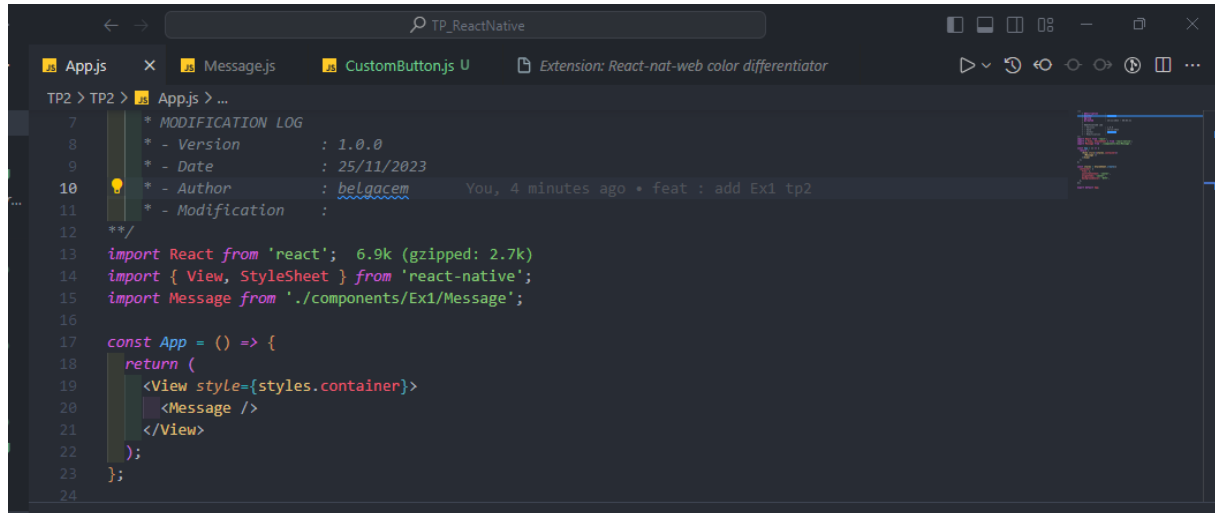


TP2 : React Native

Travailler demander :



The screenshot shows the VS Code editor interface. The top bar indicates the file path 'TP2 > TP2 > App.js > ...'. The left sidebar shows the file explorer with 'App.js' selected. The main editor area displays the 'MODIFICATION LOG' for 'App.js'. The log shows a modification by 'belgacem' on '25/11/2023' at '10:00' with the message 'You, 4 minutes ago • feat : add Ex1 tp2'. The code in 'App.js' is as follows:

```
7  * MODIFICATION LOG
8  * - Version      : 1.0.0
9  * - Date         : 25/11/2023
10 * - Author        : belgacem
11 * - Modification  :
12 **/
13 import React from 'react'; 6.9k (gzipped: 2.7k)
14 import { View, StyleSheet } from 'react-native';
15 import Message from './components/Ex1/Message';
16
17 const App = () => {
18   return (
19     <View style={styles.container}>
20       <Message />
21     </View>
22   );
23 };
24
```



The screenshot shows the VS Code editor interface with the 'Message.js' file open. The code in 'Message.js' is as follows:

```
7  * MODIFICATION LOG
8  * - Version      : 1.0.0
9  * - Date         : 25/11/2023
10 * - Author        : belgacem
11 * - Modification  :
12 **/
13 import React from 'react'; 6.9k (gzipped: 2.7k)
14 import { Text, StyleSheet } from 'react-native';
15
16 const Message = () => {
17   return <Text style={styles.text}>Bonjour, monde !</Text>;
18 };
19
20 const styles = StyleSheet.create({
21   text: {
22     color: 'red',
23     fontSize: 24,
24   },
25 });
26
27 export default Message;
```

Ex2 :

1-5

```
// Définition du composant Button avec une prop onPress
const CustomButton = ({ onPress }) => {
  // Rendu du composant
  return (
    // Utilisation de TouchableOpacity pour créer un bouton avec un effet d'opacité lorsqu'il est pressé
    <TouchableOpacity style={styles.buttonContainer} onPress={onPress}>
      /* Texte du bouton */
      <Text style={styles.buttonText}>Cliquez ici</Text>
    </TouchableOpacity>
  );
};

// Styles pour le composant Button
const styles = StyleSheet.create({
  // Style du conteneur du bouton
  buttonContainer: {
    backgroundColor: 'blue', // Couleur de fond bleue
    padding: 10, // Espacement interne de 10 pixels
    borderRadius: 5, // Bordure arrondie avec un rayon de 5 pixels
  },
  // Style du texte du bouton
  buttonText: {
    color: 'white', // Couleur du texte blanche
    fontSize: 16, // Taille de police de 16 pixels
  },
});

// Exportation du composant Button pour qu'il puisse être utilisé ailleurs
export default CustomButton;
```

```
App.js M X CustomButton.js U Extension: React-native-web color differentiator

TP2 > TP2 > App.js > App
17 const App = () => {
18   const [message, setMessage] = useState('');
19
20   const handleButtonClick = () => {
21     setMessage('Le bouton a été cliqué !');
22   };
23
24   return (
25     <View style={styles.container}> You, 15 minutes ago • feat : add Ex1 tp2
26       <CustomButton onPress={handleButtonClick} />
27       <View style={styles.messageContainer}>
28         <Text>{message}</Text>
29       </View>
30     </View>
31   );
32 };
33
34 const styles = StyleSheet.create({
35   container: {
36     flex: 1,
37     justifyContent: 'center',
38     alignItems: 'center',
39     backgroundColor: 'white',
40   },
41   messageContainer: {
42     marginTop: 20,
43   },
44 });
45
46 export default App;
47
```



Ex2 :

```
const CustomButton = ({ onClick, onReset, onSubtract }) => {
  const [clickCount, setClickCount] = useState(0);

  const handlePress = () => {
    setClickCount(clickCount + 1);
    onClick && onClick();
  };

  const handleReset = () => {
    setClickCount(0);
    onReset && onReset();
  };

  const handleSubtract = () => {
    setClickCount(Math.max(0, clickCount - 1));
    onSubtract && onSubtract();
  };

  return (
    <View style={styles.container}>
      <TouchableOpacity style={styles.buttonContainer} onPress={handlePress}>
        <Text style={styles.buttonText}>`Clics : ${clickCount}`</Text>
      </TouchableOpacity>
      <View style={styles.additionalButtons}>
        <TouchableOpacity style={styles.subButton} onPress={handleSubtract}>
          <Text style={styles.subButtonText}>Moins</Text>
        </TouchableOpacity>
        <TouchableOpacity style={styles.resetButton} onPress={handleReset}>
          <Text style={styles.resetButtonText}>Reset</Text>
        </TouchableOpacity>
      </View>
    </View>
  );
};
```

```

import React, { useState } from 'react'; 6.9k (gzipped: 2.7k)
import { View, StyleSheet, Text } from 'react-native';
import CustomButton from './components/Ex2/CustomButton';

const App = () => {
  const [message, setMessage] = useState('');

  const handleClick = () => {
    setMessage('');
  };

  return (
    <View style={styles.container}>
      <CustomButton onClick={handleButtonClick} />
      <View style={styles.messageContainer}>
        <Text>{message}</Text>
      </View>
    </View>
  );
};

const styles = StyleSheet.create({
  container: {
    flex: 1,
    justifyContent: 'center',
    alignItems: 'center',
    backgroundColor: '#fff',
  },
  messageContainer: {
    marginTop: 20,
  },
});

```

