

BÁO CÁO THỰC HÀNH

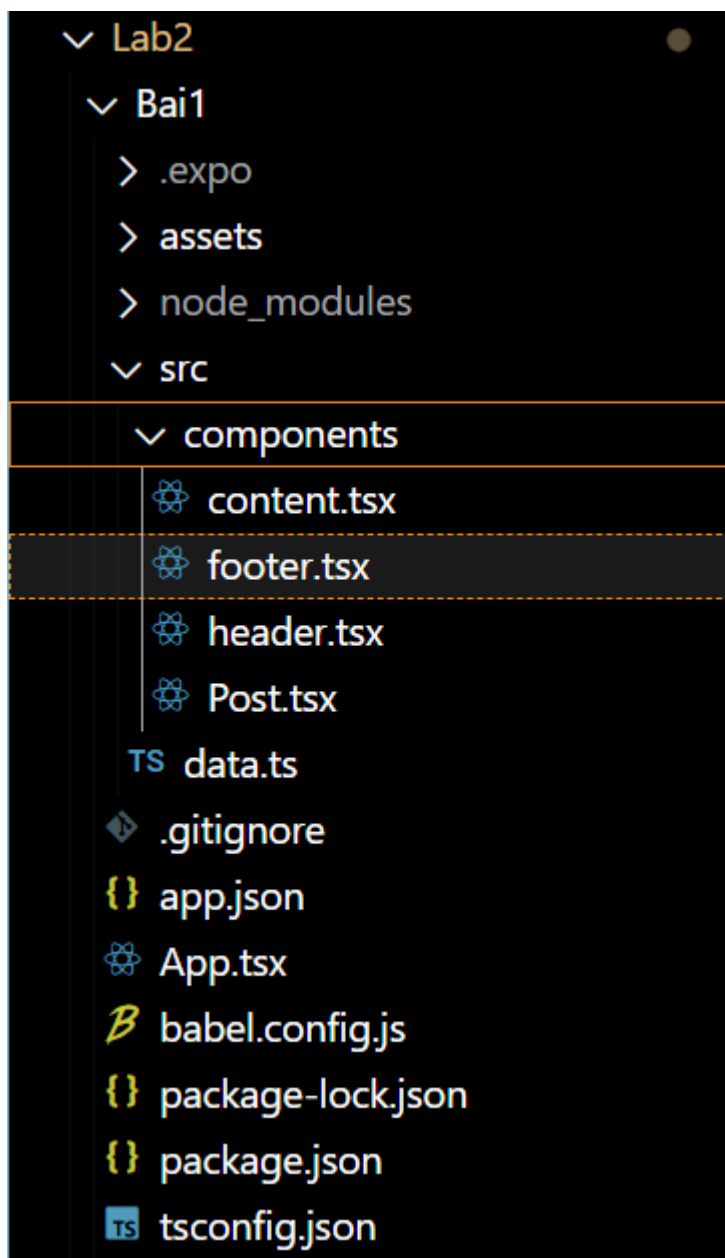
BÀI TẬP THỰC HÀNH 1: COMPONENTS, LAYOUT, PROPS & STATE

Sinh viên thực hiện: Lê Tấn Hòa – 21522081

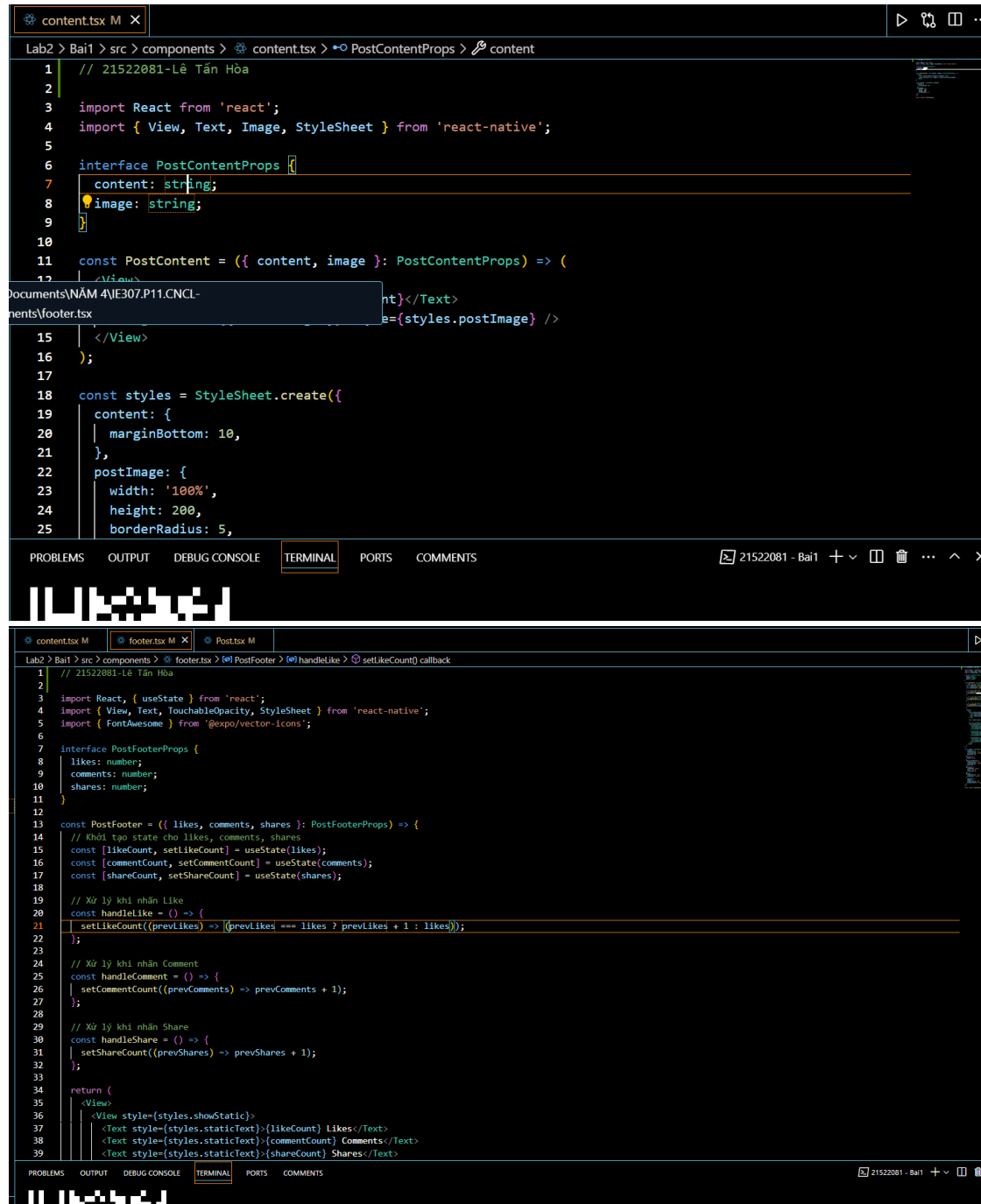
Lớp: IE307.P11.CNCL

Bài 1: Social Media Feed

- Video kết quả: [Link](#)
- Cấu trúc folder:



- Nội dung code:



The image displays two screenshots of a code editor, likely VS Code, showing the implementation of a post component in a React Native application. The editor has a dark theme and a sidebar on the left showing the file explorer.

Top Screenshot: The file explorer shows the project structure: Lab2 > Bai1 > src > components > content.tsx. The code in content.tsx defines a PostContentProps interface and a PostContent component. The component takes content and image as props and renders a text view for the content and an image view for the image. The image view is styled with a width of 100%, a height of 200, and a borderRadius of 5.

```
1 // 21522081-Lê Tân Hòa
2
3 import React from 'react';
4 import { View, Text, Image, StyleSheet } from 'react-native';
5
6 interface PostContentProps {
7   content: string;
8   image: string;
9 }
10
11 const PostContent = ({ content, image }: PostContentProps) => (
12   <View>
13     <Text>{content}</Text>
14     <Image style={styles.postImage} source={image} alt="Post Image" />
15   </View>
16 );
17
18 const styles = StyleSheet.create({
19   content: {
20     marginBottom: 10,
21   },
22   postImage: {
23     width: '100%',
24     height: 200,
25     borderRadius: 5,
```

Bottom Screenshot: The file explorer shows the project structure: Lab2 > Bai1 > src > components > footer.tsx. The code in footer.tsx defines a PostFooterProps interface and a PostFooter component. The component takes likes, comments, and shares as props and renders a footer view. The footer view contains three text views for likes, comments, and shares, each with a corresponding icon and a button to toggle the count.

```
1 // 21522081-Lê Tân Hòa
2
3 import React, { useState } from 'react';
4 import { View, Text, TouchableOpacity, StyleSheet } from 'react-native';
5 import { FontAwesomeIcon } from '@expo/vector-icons';
6
7 interface PostFooterProps {
8   likes: number;
9   comments: number;
10   shares: number;
11 }
12
13 const PostFooter = ({ likes, comments, shares }: PostFooterProps) => {
14   // Khởi tạo state cho likes, comments, shares
15   const [likeCount, setLikeCount] = useState(likes);
16   const [commentCount, setCommentCount] = useState(comments);
17   const [shareCount, setShareCount] = useState(shares);
18
19   // Xử lý khi nhấn Like
20   const handleLike = () => {
21     setLikeCount((prevLikes) => (prevLikes === likes ? prevLikes + 1 : likes));
22   };
23
24   // Xử lý khi nhấn Comment
25   const handleComment = () => {
26     setCommentCount((prevComments) => prevComments + 1);
27   };
28
29   // Xử lý khi nhấn Share
30   const handleShare = () => {
31     setShareCount((prevShares) => prevShares + 1);
32   };
33
34   return (
35     <View>
36       <View style={styles.showStatic}>
37         <Text style={styles.staticText}>{likeCount} Likes</Text>
38         <Text style={styles.staticText}>{commentCount} Comments</Text>
39         <Text style={styles.staticText}>{shareCount} Shares</Text>
40       </View>
41     </View>
42   );
43 }
```

```
content.jsx M footer.jsx M Post.jsx M
Lab2 > Bail > src > components > footer.jsx > PostFooter > handleLike > setLikeCount() callback
13 const PostFooter = ({ likes, comments, shares }: PostFooterProps) => {
14   //
15
16   return (
17     <View>
18       <View style={styles.showStatic}>
19         <Text style={styles.staticText}>{likeCount} Likes</Text>
20         <Text style={styles.staticText}>{commentCount} Comments</Text>
21         <Text style={styles.staticText}>{shareCount} Shares</Text>
22       </View>
23
24       <View style={styles.separator} />
25
26       {/* Các nút tương tác */}
27       <View style={styles.interactionButtons}>
28         <TouchableOpacity onPress={handleLike} style={styles.button}>
29           <FontAwesome name="thumbs-up" size={20} color="black" style={{ opacity: 0.5 }} />
30           <Text style={styles.buttonText}>Like</Text>
31         </TouchableOpacity>
32
33         <TouchableOpacity onPress={handleComment} style={styles.button}>
34           <FontAwesome name="comment" size={20} color="black" style={{ opacity: 0.5 }} />
35           <Text style={styles.buttonText}>Comment</Text>
36         </TouchableOpacity>
37
38         <TouchableOpacity onPress={handleShare} style={styles.button}>
39           <FontAwesome name="share" size={20} color="black" style={{ opacity: 0.5 }} />
40           <Text style={styles.buttonText}>Share</Text>
41         </TouchableOpacity>
42       </View>
43     </View>
44   );
45 };
46
47 const styles = StyleSheet.create({
48   showStatic: {
49     flexDirection: 'row',
50     justifyContent: 'space-between',
51     marginTop: 10,
52   },
53   staticText: {
54     color: 'grey',
55   },
56   interactionButtons: {
57     flexDirection: 'row',
58     justifyContent: 'space-between',
59     marginTop: 1,
60   },
61   buttonText: {
62     fontWeight: 'bold',
63     color: 'black',
64     marginLeft: 6,
65   },
66   button: {
67     flexDirection: 'row',
68     alignItems: 'center',
69   },
70   separator: {
71     height: 1,
72     marginVertical: 20,
73     backgroundColor: '#e0e0e0'
74   },
75 });
76
77 export default PostFooter;
```

```
content.jsx M footer.jsx M Post.jsx M
Lab2 > Bail > src > components > footer.jsx > PostFooter > handleLike > setLikeCount() callback
62   };
63   };
64
65   const styles = StyleSheet.create({
66     showStatic: {
67       flexDirection: 'row',
68       justifyContent: 'space-between',
69       marginTop: 10,
70     },
71     staticText: {
72       color: 'grey',
73     },
74     interactionButtons: {
75       flexDirection: 'row',
76       justifyContent: 'space-between',
77       marginTop: 1,
78     },
79     buttonText: {
80       fontWeight: 'bold',
81       color: 'black',
82       marginLeft: 6,
83     },
84     button: {
85       flexDirection: 'row',
86       alignItems: 'center',
87     },
88     separator: {
89       height: 1,
90       marginVertical: 20,
91       backgroundColor: '#e0e0e0'
92     },
93   });
94
95   export default PostFooter;
96
```

```
content.jsx M footer.jsx M header.jsx X Post.jsx M
Lab2 > Bar1 > src > components > header.jsx > styles > username
1 import React from 'react';
2 import { View, Text, Image, StyleSheet } from 'react-native';
3
4 interface PostHeaderProps {
5   avatar: string;
6   username: string;
7 }
8
9 const PostHeader = ({ avatar, username }: PostHeaderProps) => {
10   <View style={styles.userInfo}>
11     <Image source={{ uri: avatar }} style={styles.avatar} />
12     <Text style={styles.username}>{username}</Text>
13   </View>
14 };
15
16 const styles = StyleSheet.create({
17   userInfo: {
18     flexDirection: 'row',
19     alignItems: 'center',
20     marginBottom: 10,
21   },
22   avatar: {
23     width: 50,
24     height: 50,
25     borderRadius: 25,
26   },
27   username: {
28     marginLeft: 10,
29     fontWeight: 'bold',
30   },
31 });
32
33 export default PostHeader;
34
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

21522081 - Bai1 + -

```
content.jsx M footer.jsx M header.jsx X Post.jsx M
Lab2 > Bar1 > src > components > Post.jsx > PostProps > post
1 // 21522081 - Lê Tân Hòa
2
3 import React from 'react';
4 import { View, StyleSheet } from 'react-native';
5 import PostHeader from './header';
6 import PostContent from './content';
7 import PostFooter from './footer';
8
9 interface PostProps {
10   post: {
11     avatar: string;
12     username: string;
13     content: string;
14     image: string;
15     likes: number;
16     comments: number;
17     shares: number;
18   };
19 }
20
21 const Post = ({ post }: PostProps) => {
22   <View style={styles.postContainer}>
23     <PostHeader avatar={post.avatar} username={post.username} />
24     <PostContent content={post.content} image={post.image} />
25     <PostFooter
26       likes={post.likes}
27       comments={post.comments}
28       shares={post.shares}
29     />
30   </View>
31 };
32
33 const styles = StyleSheet.create({
34   postContainer: {
35     margin: 6,
36     padding: 10,
37     backgroundColor: '#fff',
38     borderRadius: 5,
39   },
40 });
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

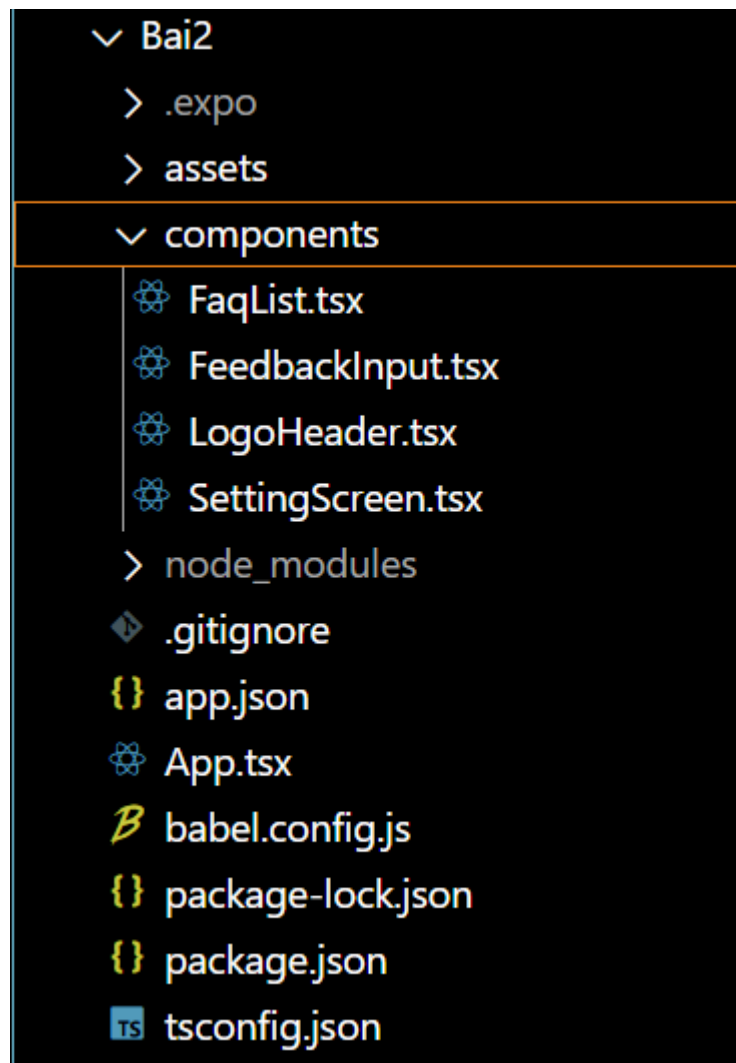
21522081 - Bai1 + -

```
content.jsx M footer.jsx M Post.jsx M TS data.ts X
Lab2 > Ba1 > src > TS data.ts > @posts
1 export const posts = [
2   {
3     id: 1,
4     username: 'Airbender',
5     avatar: 'https://mir-s3-cdn-cf.behance.net/project_modules/1400/a16a5a112835185.601bdbl1e4ed07.jpg',
6     content: 'A young boy known as the Avatar must master the four elemental powers to save a world at war and fight a ruthless enemy bent on stopping him.',
7     image: 'https://www.elleman.vn/app/uploads/2024/03/01/231073/the-than-elleman-3.jpg',
8     likes: 10,
9     comments: 5,
10    shares: 2,
11  },
12  {
13    id: 2,
14    username: 'Avatar',
15    avatar: 'https://cdn.kinocheck.com/i/tbqe8e06dt.jpg',
16    content: 'In the breathtaking world of Avatar, the Navi strive to protect their home from human exploitation and uncover the power of nature.',
17    image: 'https://media.npr.org/assets/img/2022/12/15/avatar-pic_wide-daa2aafc1807be2063dab09f9d8453667a1b9cf2.jpg',
18    likes: 20,
19    comments: 15,
20    shares: 10,
21  },
22  {
23    id: 3,
24    username: 'Superman hate Spider',
25    avatar: 'https://pyxis.nymag.com/v1/imgs/013/ead/52795c43a26696b8e623cb076c6ff8159b8--my-adventures-with-superman-still-1.1x.rsquare.w1400.jpg',
26    content: 'As Spider-Man swings through the bustling streets of New York City, he battles villains while balancing his responsibilities as a student and a hero.',
27    image: 'https://images.thedirect.com/media/article_full/superman-dc-henry-cavill.jpg',
28    likes: 10,
29    comments: 5,
30    shares: 2,
31  },
32  {
33    id: 4,
34    username: 'Thor Lord',
35    avatar: 'https://mediaproxy.salon.com/width/1280/https://media2.salon.com/2019/07/thor-ragnarok2.jpg',
36    content: 'In Thor, the God of Thunder must reclaim his power and protect Asgard from the dark forces threatening to plunge the universe into chaos.',
37    image: 'https://cdn.britannica.com/73/182873-050-ElC686F4/Chris-Hemsworth-Thor-Thor-The-Dark-World.jpg',
38    likes: 60,
39    comments: 5,
40  }
41 ]
```

```
content.jsx M footer.jsx M Post.jsx M App.jsx X
Lab2 > Ba1 > App.jsx > @styles > @header
1 import React from 'react';
2 import { FlatList, View, Text, StyleSheet } from 'react-native';
3 import Post from './src/components/Post';
4 import { posts } from './src/data';
5
6 const App = () => {
7   <View style={styles.container}>
8     <Text style={styles.header}>Social Media Feed</Text>
9     <FlatList
10      data={posts}
11      renderItem={({ item }) => <Post post={item} />
12      keyExtractor={({ item }) => item.id.toString()}
13    />
14   </View>
15 };
16
17 const styles = StyleSheet.create({
18   container: {
19     flex: 1,
20     backgroundColor: '#F0F2F3',
21     padding: 10,
22   },
23   header: {
24     fontSize: 24,
25     fontWeight: 'bold',
26     textAlign: 'center',
27     marginVertical: 10,
28     color: 'skyblue',
29   },
30 });
31
32 export default App;
33
```

Bài 2: Settings and Feedback

- Video kết quả: [Link](#)
- Cấu trúc folder:



- Nội dung code:

```
❏ Faqlisttx M X
Lab2 > Ba2 > components > ❏ Faqlisttx > ...
1 // 21522081 - Lê Tân Hòa
2 import React from 'react';
3 import { View, Text, StyleSheet } from 'react-native';
4
5 interface FaqlistProps {
6   feedbacks: string[];
7   isDarkMode: boolean;
8 }
9
10 const Faqlist = ({ feedbacks, isDarkMode }: FaqlistProps) => {
11   <View style={styles.container}>
12     <Text style={styles.title, isDarkMode && styles.darkText}>FAQs</Text>
13     {feedbacks.length === 0 ? (
14       <Text style={isDarkMode ? styles.darkText : null}>No feedback available.</Text>
15     ) : (
16       feedbacks.map((feedback, index) => (
17         <Text key={index} style={isDarkMode ? styles.darkText : null}>
18           {feedback}
19         </Text>
20       ))
21     )}
22   </View>
23 };
24
25 const styles = StyleSheet.create({
26   container: {
27     marginTop: 20,
28   },
29   title: {
30     fontSize: 18,
31     fontWeight: 'bold',
32     marginBottom: 10,
33   },
34   darkText: {
35     color: 'white',
36   },
37 });
38
39 export default Faqlist;
40
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

21522081 - Ba2 + -

```
❏ Faqlisttx M ❏ FeedbackInputtx M X
Lab2 > Ba2 > components > ❏ FeedbackInputtx > @0 handleSubmit
1 // 21522081 - Lê Tân Hòa
2
3 import React, { useState } from 'react';
4 import { View, TextInput, Button, Alert, StyleSheet } from 'react-native';
5
6 interface FeedbackInputProps {
7   onSubmit: (feedback: string) => void;
8   isDarkMode: boolean;
9 }
10
11 const FeedbackInput = ({ onSubmit, isDarkMode }: FeedbackInputProps) => {
12   const [feedback, setFeedback] = useState('');
13
14   const handleSubmit = () => {
15     if (feedback.trim()) {
16       onSubmit(feedback);
17       setFeedback(''); // Reset trường nhập phản hồi
18     } else {
19       Alert.alert('Error', 'Feedback cannot be empty!');
20     }
21   };
22
23   return (
24     <View>
25       <TextInput
26         style={[
27           styles.input,
28           isDarkMode && styles.inputDark,
29         ]}
30         placeholder="Enter your feedback"
31         placeholderTextColor={isDarkMode ? '#bbb' : '#666'}
32         value={feedback}
33         onChangeText={setFeedback}
34         multiline
35         numberOfLines={4}
36       />
37       <Button title="Send Feedback" onPress={handleSubmit} />
38     </View>
39   );
40 };
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

21522081 - Ba2 + -

```
Lab2 > Bai2 > components > LogoHeader.jsx
1
2
3 import React from 'react';
4 import { View, Text, Image, StyleSheet } from 'react-native';
5
6 interface LogoHeaderProps {
7   isDarkMode: boolean; // Nhận trạng thái Dark Mode từ SettingsScreen
8 }
9
10 const LogoHeader = ({ isDarkMode }: LogoHeaderProps) => {
11   <View style={styles.container}>
12     <Image
13       source={{ uri: 'https://u7.pngwing.com/pngs/79/518/png-transparent-js-react-js-logo-react-react-native-logos-icon-thumbnail.png' }} // Thay thế bằng logo thật
14       style={styles.logo}
15     />
16     <Text>
17       styles.appNameDark : styles.appNameLight]]>
18     </Text>
19   </View>
20 };
21
22 const styles = StyleSheet.create({
23   container: {
24     alignItems: 'center',
25     marginVertical: 20,
26   },
27   logo: {
28     width: 80,
29     height: 80,
30     borderRadius: 40,
31   },
32   appName: {
33     marginTop: 10,
34     fontSize: 24,
35     fontWeight: 'bold',
36   },
37   appNameLight: {
38     color: 'black', // Màu đen cho chế độ sáng
39   },
40   appNameDark: {
```

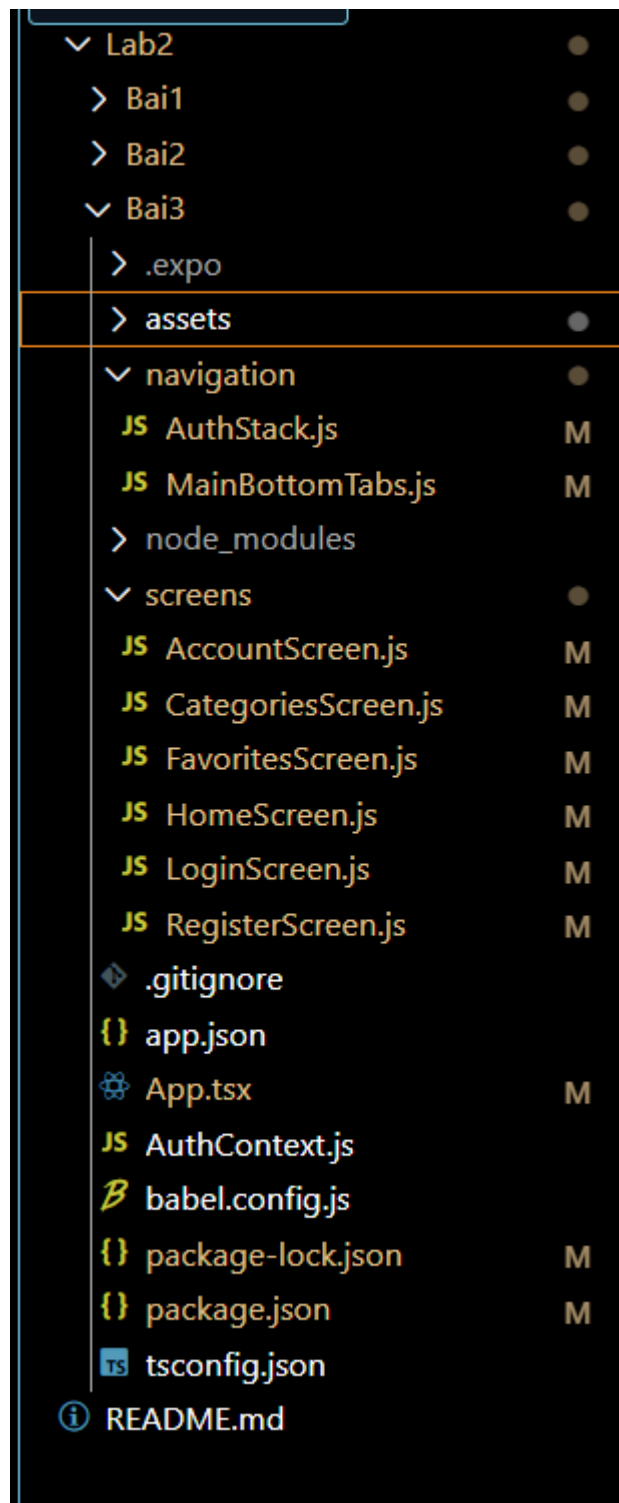
```
Lab2 > Bai2 > components > SettingScreen.jsx
1 // 21522081 - Lê Tân Hòa
2
3 import React, { useState } from 'react';
4 import { View, Text, Switch, ScrollView, StyleSheet, Alert } from 'react-native';
5 import LogoHeader from './LogoHeader';
6 import FeedbackInput from './FeedbackInput';
7 import FaqList from './FaqList';
8
9 const SettingScreen = () => {
10   const [isDarkMode, setIsDarkMode] = useState(false);
11   const [isNotificationsEnabled, setIsNotificationsEnabled] = useState(true);
12   const [feedbackList, setFeedbackList] = useState<string[]>([]);
13
14   const handleFeedbackSubmit = (feedback: string) => {
15     setFeedbackList((prevList) => [feedback, ...prevList]);
16
17     // Hiển thị thông báo nếu công tắc thông báo bật
18     if (isNotificationsEnabled) {
19       Alert.alert('Notification', 'Thank you for your feedback!');
20     }
21   };
22
23   return (
24     <ScrollView style={[styles.container, isDarkMode && styles.darkContainer]}>
25       <LogoHeader isDarkMode={isDarkMode}/>
26
27       <View style={styles.switchContainer}>
28         <Text style={isDarkMode ? styles.darkText : null}>Dark Mode</Text>
29         <Switch value={isDarkMode} onChange={setIsDarkMode} />
30       </View>
31
32       <View style={styles.switchContainer}>
33         <Text style={isDarkMode ? styles.darkText : null}>Notifications</Text>
34         <Switch value={isNotificationsEnabled} onChange={setIsNotificationsEnabled} />
35       </View>
36
37       <FeedbackInput onSubmit={handleFeedbackSubmit} isDarkMode={isDarkMode} />
38
39       <FaqList feedbacks={feedbackList} isDarkMode={isDarkMode} />
40     </ScrollView>
41   );
42 }
```




```
1 // 21522081 - Lê Tân Hòa
2 import React from 'react';
3 import { SafeAreaView, StyleSheet } from 'react-native';
4 import SettingsScreen from './components/SettingScreen';
5
6 const App = () => {
7   return (
8     <SafeAreaView style={styles.container}>
9       <SettingsScreen />
10    </SafeAreaView>
11  );
12 };
13
14 const styles = StyleSheet.create({
15   container: {
16     flex: 1,
17     backgroundColor: '#F0F2F3',
18   },
19 });
20
21 export default App;
22
```

Bài 3: React Navigation

- Video kết quả: [Link](#)
- Cấu trúc folder:



- Nội dung code:


JS AuthStack.js M X

Lab2 > Bai3 > navigation > JS AuthStack.js > ...

```
1 // 21522081 - Lê Tân Hòa
2 import React from 'react';
3 import { createStackNavigator } from '@react-navigation/stack';
4 import LoginScreen from '../screens/LoginScreen';
5 import RegisterScreen from '../screens/RegisterScreen';
6
7 const Stack = createStackNavigator();
8
9 export default function AuthStack() {
10   return (
11     <Stack.Navigator screenOptions={{ headerShown: false }}>
12       <Stack.Screen name="Login" component={LoginScreen}/>
13       <Stack.Screen name="Register" component={RegisterScreen} />
14     </Stack.Navigator>
15   );
16 }
17
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

21522081 - Bai3 + -




JS AuthStack.js M JS MainBottomTabs.js M X

Lab2 > Bai3 > navigation > JS MainBottomTabs.js > MainBottomTabs

```
1 // 21522081 - Lê Tân Hòa
2 import React, { useState } from 'react';
3
4 import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';
5 import HomeScreen from '../screens/HomeScreen';
6 import CategoriesScreen from '../screens/CategoriesScreen';
7 import FavoritesScreen from '../screens/FavoritesScreen';
8 import AccountScreen from '../screens/AccountScreen';
9 import Ionicons from 'react-native-vector-icons/Ionicons';
10
11 const Tab = createBottomTabNavigator();
12
13 export default function MainBottomTabs() {
14   const [favoritesCount, setFavoritesCount] = useState(3);
15
16   return (
17     <Tab.Navigator
18       screenOptions={({ route }) => ({
19         headerShown: false,
20         tabBarIcon: ({ focused, color, size }) => {
21           let iconName;
22
23           if (route.name === 'Home') {
24             iconName = focused ? 'home' : 'home-outline';
25           } else if (route.name === 'Categories') {
26             iconName = focused ? 'grid' : 'grid-outline';
27           } else if (route.name === 'Favorites') {
28             iconName = focused ? 'heart' : 'heart-outline';
29           } else if (route.name === 'Account') {
30             iconName = focused ? 'person' : 'person-outline';
31           }
32         }
33       })
34     >
35       <Tab.Screen name="Home" component={HomeScreen} />
36       <Tab.Screen name="Categories" component={CategoriesScreen} />
37       <Tab.Screen name="Favorites" component={FavoritesScreen} />
38       <Tab.Screen name="Account" component={AccountScreen} />
39     </Tab.Navigator>
40   );
41 }
42
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

21522081 - Bai3 + -



```
JS AuthStack.js M JS MainBottomTabs.js M X
Lab2 > Bai3 > navigation > JS MainBottomTabs.js > MainBottomTabs
13 export default function MainBottomTabs() {
18   screenOptions={({ route }) => ({
20     tabBarIcon: ({ focused, color, size }) => {
28       |   iconName = focused ? 'heart' : 'heart-outline';
29       |   } else if (route.name === 'Account') {
30       |   iconName = focused ? 'person' : 'person-outline';
31       |   }
32       |
33       |   return <Ionicons name={iconName} size={size} color={color} />;
34     },
35     tabBarActiveTintColor: 'tomato',
36     tabBarInactiveTintColor: 'gray',
37   )))
38   |
39   | <Tab.Screen name="Home" component={HomeScreen} />
40   | <Tab.Screen name="Categories" component={CategoriesScreen} />
41   | <Tab.Screen
42   |   name="Favorites"
43   |   component={FavoritesScreen}
44   |   options={{
45   |     | tabBarBadge: favoritesCount > 0 ? favoritesCount : null,
46   |   }}
47   | />
48   | <Tab.Screen name="Account" component={AccountScreen} />
49   | </Tab.Navigator>
50   | );
51 }
52
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + -

```
JS AccountScreen.js M X
Lab2 > Bai3 > screens > JS AccountScreen.js > ...
1 // 21522081 - Lê Tân Hòa
2 import React, { useContext } from 'react';
3 import { View, Text, Button, StyleSheet } from 'react-native';
4 import { AuthContext } from '../AuthContext';
5
6 export default function AccountScreen() {
7   const { logout } = useContext(AuthContext);
8
9   return (
10     <View style={styles.container}>
11       | <Text style={styles.text}>Account Screen</Text>
12       | <Button title="LOG OUT" onPress={logout} />
13     </View>
14   );
15 }
16
17 const styles = StyleSheet.create({
18   container: {
19     flex: 1,
20     justifyContent: 'center',
21     alignItems: 'center',
22   },
23   text: {
24     fontSize: 20,
25     marginBottom: 20,
26   },
27 });
28
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + -

JS CategoriesScreen.js M X

Lab2 > Bai3 > screens > JS CategoriesScreen.js > ...

```
1 // 21522081 - Lê Tấn Hòa
2
3 import React from 'react';
4 import { View, Text, StyleSheet } from 'react-native';
5
6 export default function HomeScreen() {
7   return (
8     <View style={styles.container}>
9       <Text style={styles.text}>Categories Screen</Text>
10    </View>
11  );
12 }
13
14 const styles = StyleSheet.create({
15   container: {
16     flex: 1,
17     justifyContent: 'center',
18     alignItems: 'center',
19   },
20   text: {
21     fontSize: 20,
22   },
23 });
24
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + v

JS FavoritesScreen.js M X

Lab2 > Bai3 > screens > JS FavoritesScreen.js > ...

```
1 // 21522081 - Lê Tấn Hòa
2 import React from 'react';
3 import { View, Text, StyleSheet } from 'react-native';
4
5 export default function HomeScreen() {
6   return (
7     <View style={styles.container}>
8       <Text style={styles.text}>Favorites Screen</Text>
9     </View>
10  );
11 }
12
13 const styles = StyleSheet.create({
14   container: {
15     flex: 1,
16     justifyContent: 'center',
17     alignItems: 'center',
18   },
19   text: {
20     fontSize: 20,
21   },
22 });
23
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + v

```
JS HomeScreen.js M X
Lab2 > Bai3 > screens > JS HomeScreen.js > ...
1
2 // 21522081 - Lê Tấn Hòa
3 import React from 'react';
4 import { View, Text, StyleSheet } from 'react-native';
5
6 export default function HomeScreen() {
7   return (
8     <View style={styles.container}>
9       <Text style={styles.text}>Home Screen</Text>
10    </View>
11  );
12 }
13
14 const styles = StyleSheet.create({
15   container: {
16     flex: 1,
17     justifyContent: 'center',
18     alignItems: 'center',
19   },
20   text: {
21     fontSize: 20,
22   },
23 });
24
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + v

```
JS LoginScreen.js M X
Lab2 > Bai3 > screens > JS LoginScreen.js > LoginScreen > handleLogin
1 // 21522081 - Lê Tấn Hòa
2 import React, { useState, useContext } from 'react';
3 import { View, Text, TextInput, StyleSheet, TouchableOpacity, Image } from 'react-native';
4 import Icon from 'react-native-vector-icons/Ionicons';
5 import { AuthContext } from '../AuthContext';
6
7 export default function loginScreen({ navigation }) {
8   const [email, setEmail] = useState('');
9   const [password, setPassword] = useState('');
10   const { login } = useContext(AuthContext);
11
12   const handleLogin = () => {
13     login(email, password);
14   };
15
16   return (
17     <View style={styles.container}>
18       <Image source={require('../assets/logo.png')} style={styles.logo} />
19       <Text style={styles.title}>Welcome</Text>
20       <View style={styles.inputContainer}>
21         <Icon name="mail-outline" size={20} color="#666" style={styles.icon} />
22         <TextInput
23           placeholder="Email"
24           style={styles.input}
25           value={email}
26           onChangeText={setEmail}
27         />
28       </View>
29       <View style={styles.inputContainer}>
30         <Icon name="lock-closed-outline" size={20} color="#666" style={styles.icon} />
31         <TextInput
32           placeholder="Password"

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + v

```
JS LoginScreen.js M X
Lab2 > Bai3 > screens > JS LoginScreen.js > LoginScreen > handleLogin
53 const styles = StyleSheet.create({
54   container: {
55     justifyContent: 'center',
56     padding: 20,
57     backgroundColor: 'fff',
58   },
59   logo: {
60     width: 100,
61     height: 100,
62     alignSelf: 'center',
63     marginBottom: 20,
64   },
65   title: {
66     textAlign: 'center',
67     fontSize: 24,
68     fontWeight: 'bold',
69     marginBottom: 20,
70   },
71   inputContainer: {
72     flexDirection: 'row',
73     alignItems: 'center',
74     borderBottomWidth: 1,
75     borderBottomColor: 'ccc',
76     marginBottom: 15,
77     paddingVertical: 5,
78   },
79   icon: {
80     marginRight: 10,
81   },
82   input: {
83     flex: 1,
84     paddingVertical: 5,
85   },
86 });
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + ▢

```
JS LoginScreen.js M X
Lab2 > Bai3 > screens > JS LoginScreen.js > styles > loginText
53 const styles = StyleSheet.create({
86   },
87   forgotPassword: {
88     textAlign: 'right',
89     color: 'FF69B4',
90     marginBottom: 20,
91   },
92   loginButton: {
93     backgroundColor: 'FF7F50',
94     paddingVertical: 10,
95     borderRadius: 5,
96     marginBottom: 20,
97     alignItems: 'center',
98   },
99   loginText: {
100     color: 'fff',
101     fontWeight: 'bold',
102     fontSize: 16,
103   },
104   orText: {
105     textAlign: 'center',
106     marginBottom: 20,
107   },
108   signupText: {
109     textAlign: 'center',
110   },
111   signupLink: {
112     color: '0000FF',
113   },
114 });
115
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS 21522081 - Bai3 + ▢ ... ^ ×

```
JS LoginScreen.js M JS RegisterScreen.js M X
Lab2 > Bai3 > screens > JS RegisterScreen.js > ...
1 // 21522081 - Lê Tấn Hòa
2 import React, { useState } from 'react';
3 import { View, Text, TextInput, Button, StyleSheet, TouchableOpacity, Image } from 'react-native';
4 import Icon from 'react-native-vector-icons/FontAwesome'; // Import icon
5
6 export default function RegisterScreen({ navigation }) {
7   const [username, setUsername] = useState('');
8   const [email, setEmail] = useState('');
9   const [password, setPassword] = useState('');
10  const [confirmPassword, setConfirmPassword] = useState('');
11
12  return (
13    <View style={styles.container}>
14      <Image source={require('../assets/logo.png')} style={styles.logo} />
15      <Text style={styles.title}>Create New Account</Text>
16      <View style={styles.inputContainer}>
17        <Icon name="person-outline" size={20} color="#666" style={styles.icon} />
18        <TextInput
19          placeholder="Enter username"
20          style={styles.input}
21          value={username}
22          onChangeText={setUsername}
23        />
24      </View>
25      <View style={styles.inputContainer}>
26        <Icon name="mail-outline" size={20} color="#666" style={styles.icon} />
27        <TextInput
28          placeholder="Enter email"
29          style={styles.input}
30          value={email}
31          onChangeText={setEmail}
32        />
33      </View>
34      <View style={styles.inputContainer}>
35        <Icon name="lock-closed-outline" size={20} color="#666" style={styles.icon} />
36        <TextInput
37          placeholder="Enter password"
38          style={styles.input}
39          secureTextEntry
40          value={password}
41          onChangeText={setPassword}
42        />
43      </View>
44      <View style={styles.inputContainer}>
45        <Icon name="lock-closed-outline" size={20} color="#666" style={styles.icon} />
46        <TextInput
47          placeholder="confirm password"
48          style={styles.input}
49          secureTextEntry
50          value={confirmPassword}
51          onChangeText={setConfirmPassword}
52        />
53      </View>
54      <TouchableOpacity style={styles.createButton}>
55        <Text style={styles.createText} onPress={() => alert('Account created')}>CREATE</Text>
56      </TouchableOpacity>
57      <TouchableOpacity onPress={() => navigation.navigate('Login')}>
58        <Text style={styles.signupText}>Already have an account? <Text style={styles.signupLink}>Login now!</Text></Text>
59      </TouchableOpacity>
60    </View>
61  );
62}
```

```
JS LoginScreen.js M JS RegisterScreen.js M X
Lab2 > Bai3 > screens > JS RegisterScreen.js > ...
6 export default function RegisterScreen({ navigation }) {
29   const [username, setUsername] = useState('');
30   const [email, setEmail] = useState('');
31   const [password, setPassword] = useState('');
32   const [confirmPassword, setConfirmPassword] = useState('');
33
34   return (
35     <View style={styles.container}>
36       <Image source={require('../assets/logo.png')} style={styles.logo} />
37       <Text style={styles.title}>Create New Account</Text>
38       <View style={styles.inputContainer}>
39         <Icon name="person-outline" size={20} color="#666" style={styles.icon} />
40         <TextInput
41           placeholder="Enter username"
42           style={styles.input}
43           value={username}
44           onChangeText={setUsername}
45         />
46       </View>
47       <View style={styles.inputContainer}>
48         <Icon name="mail-outline" size={20} color="#666" style={styles.icon} />
49         <TextInput
50           placeholder="Enter email"
51           style={styles.input}
52           value={email}
53           onChangeText={setEmail}
54         />
55       </View>
56       <View style={styles.inputContainer}>
57         <Icon name="lock-closed-outline" size={20} color="#666" style={styles.icon} />
58         <TextInput
59           placeholder="Enter password"
60           style={styles.input}
61           secureTextEntry
62           value={password}
63           onChangeText={setPassword}
64         />
65       </View>
66       <View style={styles.inputContainer}>
67         <Icon name="lock-closed-outline" size={20} color="#666" style={styles.icon} />
68         <TextInput
69           placeholder="confirm password"
70           style={styles.input}
71           secureTextEntry
72           value={confirmPassword}
73           onChangeText={setConfirmPassword}
74         />
75       </View>
76       <TouchableOpacity style={styles.createButton}>
77         <Text style={styles.createText} onPress={() => alert('Account created')}>CREATE</Text>
78       </TouchableOpacity>
79       <TouchableOpacity onPress={() => navigation.navigate('Login')}>
80         <Text style={styles.signupText}>Already have an account? <Text style={styles.signupLink}>Login now!</Text></Text>
81       </TouchableOpacity>
82     </View>
83   );
84}
```



```
JS LoginScreen.js M JS RegisterScreen.js M X
Lab2 > Bai3 > screens > JS RegisterScreen.js > ...
63
64 const styles = StyleSheet.create({
65   container: {
66     flex: 1,
67     justifyContent: 'center',
68     padding: 20,
69     backgroundColor: '#fff',
70   },
71   logo: {
72     width: 100,
73     height: 100,
74     alignSelf: 'center',
75     marginBottom: 20,
76   },
77   title: {
78     textAlign: 'center',
79     fontSize: 24,
80     fontWeight: 'bold',
81     marginBottom: 20,
82   },
83   inputContainer: {
84     flexDirection: 'row',
85     alignItems: 'center',
86     borderBottomWidth: 1,
87     borderBottomColor: '#ccc',
88     marginBottom: 15,
89     paddingVertical: 5,
90   },
91   icon: {
92     marginRight: 10,
93   },
94   input: {
95     flex: 1,
96     paddingVertical: 5,
97   },
98   createButton: {
99     backgroundColor: '#FF7F50',
100    paddingVertical: 10,
101    borderRadius: 5,
102    marginBottom: 20,
103  },
104  createText: {
105    textAlign: 'center',
106    color: '#fff',
107    fontWeight: 'bold',
108  },
109  signupText: {
110    textAlign: 'center',
111  },
112  signuplink: {
113    color: '#0000FF',
114  },
115 });
116
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

21522081 - Bai3 + - □ ... ^ ×

```
JS LoginScreen.js M JS RegisterScreen.js M X
Lab2 > Bai3 > screens > JS RegisterScreen.js > ...
64 const styles = StyleSheet.create({
83   inputContainer: {
90   },
91   icon: {
92     marginRight: 10,
93   },
94   input: {
95     flex: 1,
96     paddingVertical: 5,
97   },
98   createButton: {
99     backgroundColor: '#FF7F50',
100    paddingVertical: 10,
101    borderRadius: 5,
102    marginBottom: 20,
103  },
104  createText: {
105    textAlign: 'center',
106    color: '#fff',
107    fontWeight: 'bold',
108  },
109  signupText: {
110    textAlign: 'center',
111  },
112  signuplink: {
113    color: '#0000FF',
114  },
115 });
116
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

Snipping Tool

Screenshot copied to clipboard and saved
Select here to mark up and share.

