**PEMROGRAMAN PERANGKAT BERGERAK**

**LAPORAN HASIL PRAKTIKUM**

**HASIL PRAKTIKUM**

**Praktikum 1**

**Nama : Michael Mervin Ruswan**

**NIM : 202310016**

Link Github: <https://github.com/Michahide/Pem-Perangkat-Bergerak-202310016>

|  |
| --- |
| Hasil Program |
|  |
| Scripting Program – App.js |
| import { StatusBar } from 'expo-status-bar';  import { ScrollView } from 'react-native';  import { Component, ReactNode } from 'react';  import ViewComponent  from "./ViewComponent";  import TextComponent from './TextComponent';  import ButtonComponent from './ButtonComponent';  import ImageComponent from './ImageComponent';  import TextInputComponent from './TextInput';  export default class App extends Component {    render() {      return (        <ScrollView>          <ViewComponent />          <TextComponent />          <ButtonComponent />          <ImageComponent />          <TextInputComponent />        </ScrollView>        );    }  } |
| Scripting Program – ViewComponent.js |
| import { StyleSheet, Text, View } from 'react-native';  export function ViewComponent() {    return (      <View      style={{          flexDirection: "row",          height: 100,          backgroundColor: "yellow",          padding: 20      }}      >        <View style={{ backgroundColor: "blue", width: 100}} />        <View style={{ backgroundColor: "red", flex: 0.5, marginLeft: 3 }} />        <Text>Hello World!</Text>      </View>    );  }  export default ViewComponent; |
| Scripting Program – TextComponent.js |
| import { useState } from 'react';  import { StyleSheet, Text, View } from 'react-native';  export function TextComponent() {    //hooks    const [titleText, setTitleText] = useState("Pem Perangkat Bergerak");    const bodyText = "You just tried <text> element on react";    //end hooks    return (      <Text style={styles.baseText}>        <Text style={styles.titleText}>          {titleText}          {"\n"}          {"\n"}        </Text>        <Text numberOfLines={5}>{bodyText}</Text>      </Text>    );  }  const styles = StyleSheet.create({    baseText: {      fontFamily: "Cochin"    },    titleText: {      fontSize: 20,      fontWeight: "bold"    }  });  export default TextComponent; |
| Scripting Program – ButtonComponent.js |
| import { Alert, StyleSheet, Button, Text, View } from 'react-native';  export function ButtonComponent() {    const Separator = () => (      <View style={styles.separator} />    );    return (      <View>        <View>          <Text style={styles.baseText}>            <Text style={styles.titleText}>              Button Element              {"\n"}            </Text>          </Text>        </View>        <View>          <Button            title="Press me"            onPress={() => Alert.alert('You just pressed me')}          />        </View>        <Separator />        <View style={styles.fixToText}>          <Button            title="Touch me"            onPress={() => Alert.alert('You just touched me')}          />          <Button            title="Click me"            onPress={() => Alert.alert('You clicked me')}          />        </View>      </View>    );  }  const styles = StyleSheet.create({    baseText: {      fontFamily: "Cochin"    },    titleText: {      fontSize: 20,      fontWeight: "bold"    },    fixToText:{      flexDirection: "row",      justifyContent: "space-between"    },    separator:{      borderWidth: 0.5,      borderColor:'#bcbbbd',      marginTop: 5,      marginBottom: 5    }  });  export default ButtonComponent; |
| Scripting Program – ImageComponent.js |
| import { Text, View, Image } from 'react-native';  import LogoIBIK  from "./assets/LogoIBIK.png";  export function ImageComponent() {    return (      <View>      <View>        <Text>Fetching from URL</Text>          <Image            source={{uri: "https://spmi.lldikti4.or.id/files/042016/042016\_logo.jpg"}}            style={{width: 200, height: 200}}          />          <Text>Institute Bisnis dan Informatika Kesatuan Bogor</Text>      </View>      <View>        <Text>{"\n"} Fetching from local storage</Text>          <Image            source={LogoIBIK}            style={{width: 200, height: 200}}          />          <Text>Institute Bisnis dan Informatika Kesatuan Bogor</Text>      </View>      </View>    );  }  export default ImageComponent; |
| Scripting Program – TextInputComponent.js |
| import { StyleSheet, Text, TextInput, View } from 'react-native';  export function TextInputComponent() {    return (      <View>        <TextInput          style={styles.input}          value="Mervin"        />        <TextInput          style={styles.input}          placeholder="useless placeholder"          keyboardType="numeric"        />      </View>    );  }  const styles = StyleSheet.create({    input: {      height: 40,      margin: 12,      borderWidth: 1,      padding: 10,    }  });  export default TextInputComponent; |