PEMROGRAMAN PERANGKAT BERGERAK
LAPORAN HASIL PRAKTIKUM

HASIL PRAKTIKUM

Praktikum 1

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

1.

Hasil Program

Hello World!

Pem Perangkat Bergerak

You just tried <text> element on react

Button Element

PRESS ME

TOUCH ME   CLICK ME

Fetching from URL

Institute Bisnis dan Informatika Kesatuan Bogor

Fetching from local storage

Institute Bisnis dan Informatika Kesatuan Bogor

Scripting Program – App.js

```javascript
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";
```

```jsx
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

```jsx
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;
```