

## TUGAS

1. Buatlah script untuk memposisikan node-node berada di tengah-tengah layar monitor seperti berikut:

```
ItemTyphograp.js

1  import React from 'react';
2  import { Text, View, StyleSheet } from 'react-native';
3
4  const ItemTyphograp = () => {
5    return (
6      <View style={{borderWidth:1, width:186}}>
7        <Text
8          style={{
9            fontSize:20,
10           fontWeight:"bold",
11           backgroundColor:"brown",
12           color:"#fff",
13           textAlign:"center",
14           textDecorationLine:"underline",
15           padding:10,
16           marginBottom:10
17         }}>
18         History of Bicycle
19       </Text>
20       <Text style={styles.paragraphf}>
21         A bicycle, also called a
22         <Text style={{...styles.paragraphf, color:"red"}}> pedal cycle</Text>,
23         <Text style={{...styles.paragraphf, fontWeight:"bold"}}> bike</Text>,
24         <Text style={{...styles.paragraphf, fontStyle:"italic"}}> push-bike or cycle</Text>, is a human-powered or
25         motor-powered assisted, pedal-driven, single-track vehicle, having two wheels attached
26         or bicyclist.
27       </Text>
28     </View>
29   );
30 };
31
32 export {ItemTyphograp};
33
34 const styles = StyleSheet.create({
35   paragraph :{
36     fontSize:18,
37     textAlign:"justify",
38   }
39 })
```

Snipped

```
ItemImage.js

1  import React from 'react';
2  import { Image } from 'react-native';
3
4  const ItemImage = () => {
5    return (
6      <Image
7        source={require("../assets/man.png")}
8        style={{width:150, height:150, borderColor:"#72FFFF", borderWidth:20}}
9      />
10    );
11  }
12  export {ItemImage};
```

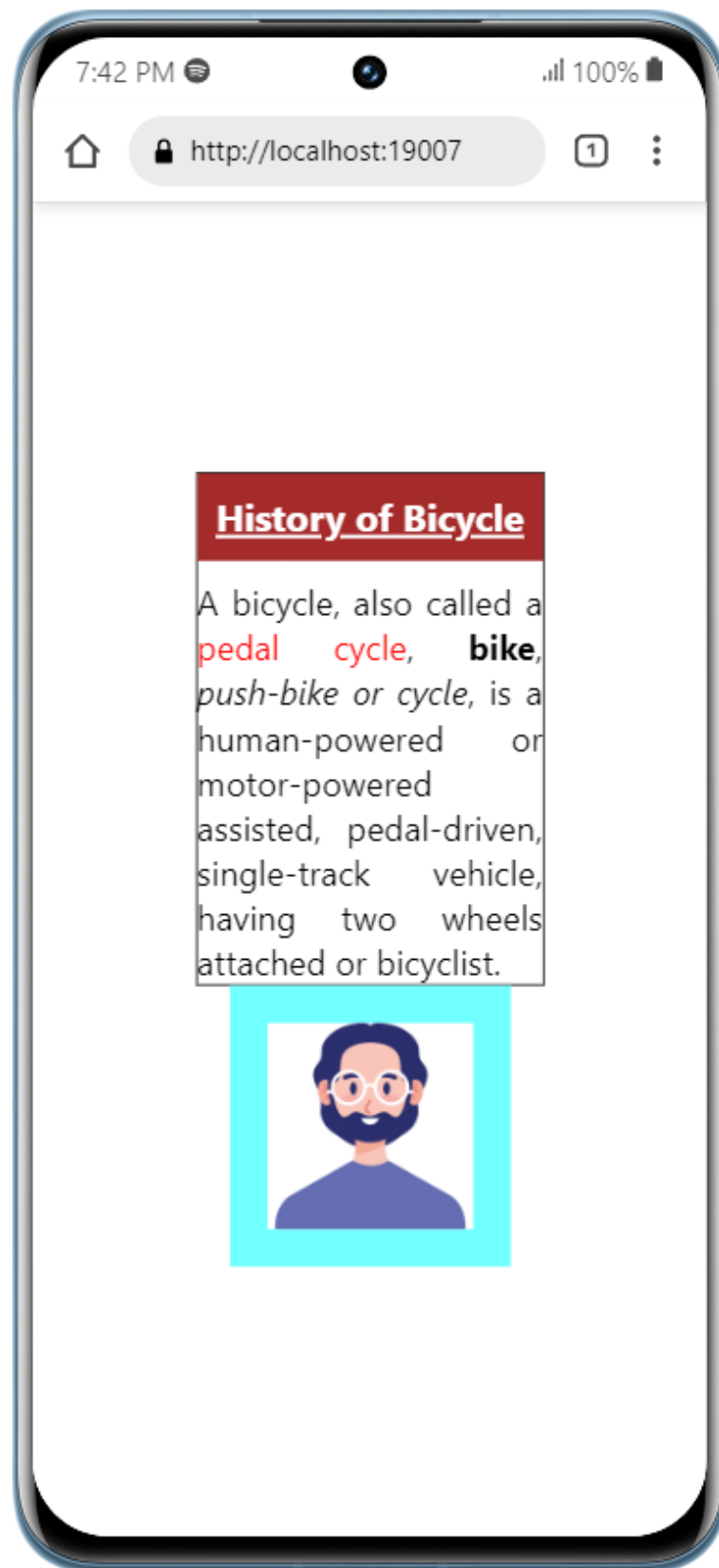
Snipped

●●● App.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import { SafeAreaView, StyleSheet, Text, View } from 'react-native';
3  import Car from './components/car';
4  import Motorcycle from './components/Motorcycle';
5  import Bicycle from './components/Bicycle';
6  import {ItemImage} from './components/Items/ItemImage';
7  import {ItemTyphograp} from './components/Items/ItemTyphograp';
8
9  export default function App() {
10    return (
11      <SafeAreaView style={{flex: 1}}>
12        <View style={styles.container}>
13          <ItemTyphograp/>
14          <ItemImage/>
15        </View>
16      </SafeAreaView>
17      // <Motorcycle/>
18      // <Car/>
19      // <Bicycle/>
20    );
21  }
22
23  const styles = StyleSheet.create({
24    paragraf: {
25      fontSize: 18,
26      textAlign:"justify",
27    },
28
29    container: {
30      flex: 1,
31      backgroundColor: '#fff',
32      padding: 10,
33      flexDirection:"column",
34      justifyContent: "center",
35      alignItems:'center'
36    },
37  });
38
```

Snipped

## OUTPUT



2. Dalam membuat script nomor 1, buatlah sebuah RCC sebagai titik awal aplikasi dan untuk node-node nya menggunakan RFC (kotak tulisan history bicycle & kotak gambar). Panggil kedua RFC tersebut sebagai bagian dari node RCC yang akan anda buat.

```
No2.js

1  import React, { Component } from 'react';
2  import { View, StyleSheet } from 'react-native';
3  import { ItemTyphograp } from '../Items/ItemTyphograp';
4  import {ItemImage} from '../Items/ItemImage';
5
6  class No2 extends Component {
7    render() {
8      return (
9        <View style={styles.container}>
10          <ItemTyphograp/>
11          <ItemImage/>
12        </View>
13      );
14    }
15  }
16
17  export default No2;
18
19  const styles = StyleSheet.create({
20    container: {
21      flex: 1,
22      flexDirection: 'column',
23      justifyContent: 'center',
24      alignItems: 'center'
25    }
26  })
```

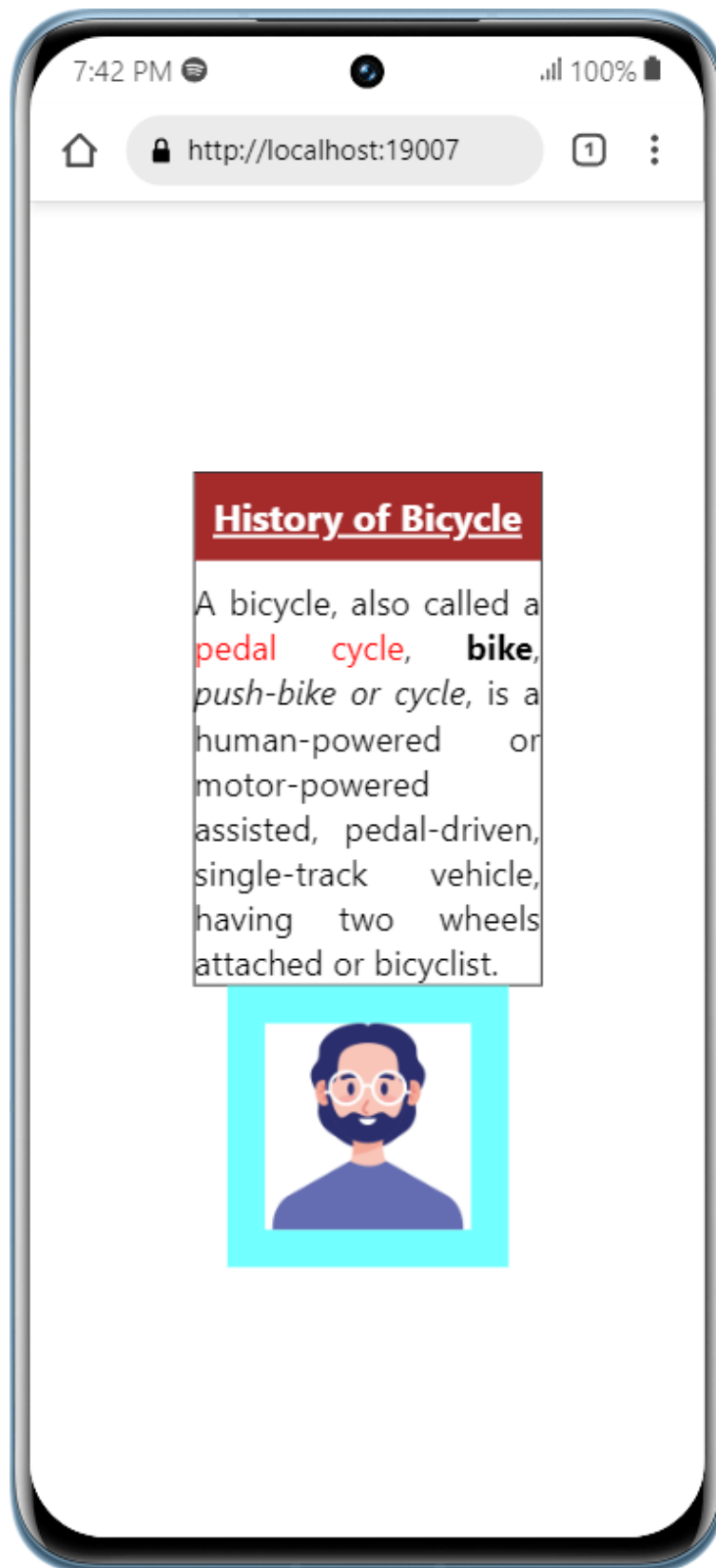
Snipped

●●● App.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import { SafeAreaView, StyleSheet, Text, View } from 'react-native';
3  import Car from './components/car';
4  import Motorcycle from './components/Motorcycle';
5  import Bicycle from './components/Bicycle';
6  import {ItemImage} from './components/Items/ItemImage';
7  import {ItemTyphograp} from './components/Items/ItemTyphograp';
8  import No2 from './components/Tugas/No2';
9
10 export default function App() {
11   return (
12     <SafeAreaView >
13       <View style={{flex: 1}}>
14         <No2/>
15       </View>
16     </SafeAreaView>
17     // <ItemTyphograp/>
18     // <ItemImage/>
19     // <Motorcycle/>
20     // <Car/>
21     // <Bicycle/>
22   );
23 }
24
25 const styles = StyleSheet.create({
26   container: {
27     flex: 1,
28     backgroundColor: '#fff'
29   },
30 });
31
```

Snipped

## OUTPUT



3. Buatlah sebuah splash screen sederhana seperti gambar dibawah ini dan buatlah dengan menggunakan StyleSheet Inline dan Embedded.



●●● App.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import { SafeAreaView, StyleSheet, Text, View } from 'react-native';
3  import Car from './components/Car';
4  import Motorcycle from './components/Motorcycle';
5  import Bicycle from './components/Bicycle';
6  import {ItemImage} from './components/Items/ItemImage';
7  import {ItemTyphograp} from './components/Items/ItemTyphograp';
8  import No2 from './components/Tugas/No2';
9  import { No3 } from './components/Tugas/No3';
10
11  export default function App() {
12    return (
13      <SafeAreaView style={{flex:1}}>
14        <No3/>
15      </SafeAreaView>
16      // <No2/>
17      // <ItemTyphograp/>
18      // <ItemImage/>
19      // <Motorcycle/>
20      // <Car/>
21      // <Bicycle/>
22    );
23  }
24
25  const styles = StyleSheet.create({
26    container: {
27      flex: 1,
28      backgroundColor: '#fff'
29    },
30  });
31
```

Snipped



## OUTPUT



4. Buatlah sebuah halaman untuk menampilkan informasi data diri anda, namun data mengenai informasi anda disimpan dalam bentuk sebuah Object sebagai berikut : Implementasikanlah variable diatas dengan menggunakan state variable RCC dan state variable RFC. Dan berikan output dari masing-masing component.

No4RCC.js

```
1  import React, { Component } from 'react';
2  import { Text, View, StyleSheet } from 'react-native';
3
4  export class No4RCC extends Component {
5    constructor(MyBio){
6      super(MyBio);
7      this.state={
8        identity:{
9          npm: 212310048,
10         firstname: "Nagasa",
11         middlename: "Anandes",
12         lastname: "Putra Ramadhan",
13       },
14       education:[
15         {id:1, school: "SDSN 13 Sunter Agung Jakarta"},
16         {id:2, school: "SMPN 34 Jakarta"},
17         {id:3, school: "SMK Taruna Terpadu 1 Bogor"}
18       ],
19       mobile_phone: '089520013456',
20       email: "212310048@student.ibik.ac.id",
21       gender: "Male",
22       tall_body: 175,
23       weight_body: 75
24     }
25   }
26   render() {
27     return (
28       <View style={{flex:1}}>
29         <Text style={{fontWeight:'bold', fontSize:25, textAlign:'center'}}>With RCC</Text>
30         <View style={[styles.container]}>
31           <Text style={[styles.header]}>My Identity</Text>
32           <Text>NPM : {this.state.identity.npm} </Text>
33           <Text>First Name : {this.state.identity.firstname} </Text>
34           <Text>Middle Name : {this.state.identity.middlename} </Text>
35           <Text>Last Name : {this.state.identity.lastname} </Text>
36         </View>
37         <View style={[styles.container]}>
38           <Text style={[styles.header]}>My Education</Text>
39           {this.state.education.map((education) => {
40             return(
41               <Text> {education.id}. {education.school} </Text>
42             )
43           })}
44         </View>
45         <View style={[styles.container]}>
46           <Text style={[styles.header]}>Contact Me</Text>
47           <Text>Mobile Phone : {this.state.mobile_phone} </Text>
48           <Text>Email : {this.state.email} </Text>
49         </View>
50         <View style={[styles.container]}>
51           <Text style={[styles.header]}>About Me</Text>
52           <Text>Gender : {this.state.gender} </Text>
53           <Text>Tall Body : {this.state.tall_body} CM </Text>
54           <Text>Wight Body : {this.state.weight_body} KG </Text>
55         </View>
56       </View>
57     );
58   }
59 }
60
61 export default No4RCC;
62
63 const styles = StyleSheet.create({
64   container:{
65     padding: 10
66   },
67   header: {
68     fontSize:20,
69     fontWeight:'500'
70   }
71 })
```

Snipped

```

1  import React from 'react';
2  import { View, Text, StyleSheet } from 'react-native';
3
4  const No4RFC = () => {
5    const MyBio = {
6      identity: {
7        npm: 212310048,
8        firstname: "Nagasa",
9        middlename: "Anandes",
10       lastname: "Putra Ramadhan",
11     },
12     education: [
13       {id:1, school: "SDSN 13 Sunter Agung Jakarta"},
14       {id:2, school: "SMPN 34 Jakarta"},
15       {id:3, school: "SMK Taruna Terpadu 1 Bogor"}
16     ],
17     mobile_phone: '089520013456',
18     email: "212310048@student.ibik.ac.id",
19     gender: "Male",
20     tall_body: 175,
21     weight_body: 75
22   }
23   return (
24     <View style={{flex:1}}>
25       <Text style={{fontWeight:'bold', fontSize:25, textAlign:'center'}}>With RFC</Text>
26       <View style={[styles.container]}>
27         <Text style={[styles.header]}>My Identity</Text>
28         <Text>NPM : {MyBio.identity.npm} </Text>
29         <Text>First Name : {MyBio.identity.firstname} </Text>
30         <Text>Middle Name : {MyBio.identity.middlename} </Text>
31         <Text>Last Name : {MyBio.identity.lastname} </Text>
32       </View>
33       <View style={[styles.container]}>
34         <Text style={[styles.header]}>My Education</Text>
35         {MyBio.education.map((education) => {
36           return(
37             <Text> {education.id}. {education.school} </Text>
38           )
39         })}
40       </View>
41       <View style={[styles.container]}>
42         <Text style={[styles.header]}>Contact Me</Text>
43         <Text>Mobile Phone : {MyBio.mobile_phone} </Text>
44         <Text>Email : {MyBio.email} </Text>
45       </View>
46       <View style={[styles.container]}>
47         <Text style={[styles.header]}>About Me</Text>
48         <Text>Gender : {MyBio.gender} </Text>
49         <Text>Tall Body : {MyBio.tall_body} CM </Text>
50         <Text>Wight Body : {MyBio.weight_body} KG </Text>
51       </View>
52     </View>
53   );
54 }
55
56 export default No4RFC;
57
58 const styles = StyleSheet.create({
59   container: {
60     padding: 10
61   },
62   header: {
63     fontSize: 20,
64     fontWeight: '500'
65   }
66 })

```

●●● App.js

```
1  import { StatusBar } from 'expo-status-bar';
2  import { SafeAreaView, StyleSheet, Text, View } from 'react-native';
3  import Car from './components/Car';
4  import Motorcycle from './components/Motorcycle';
5  import Bicycle from './components/Bicycle';
6  import {ItemImage} from './components/Items/ItemImage';
7  import {ItemTyphograp} from './components/Items/ItemTyphograp';
8  import No2 from './components/Tugas/No2';
9  import No3 from './components/Tugas/No3';
10 import No4RCC from './components/Tugas/No4RCC';
11 import No4RFC from './components/Tugas/No4RFC';
12
13 export default function App() {
14   return (
15     <SafeAreaView style={{flex:1}}>
16       <No4RCC/>
17       <No4RFC/>
18     </SafeAreaView>
19     // <No3/>
20     // <No2/>
21     // <ItemTyphograp/>
22     // <ItemImage/>
23     // <Motorcycle/>
24     // <Car/>
25     // <Bicycle/>
26   );
27 }
28
29 const styles = StyleSheet.create({
30   container: {
31     flex: 1,
32     backgroundColor: '#fff'
33   },
34 });
35
```

Snipped

## OUTPUT

