**Assignment 02**

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**Subject: MAD**

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**CODE**

import { StyleSheet, Text, View, TextInput } from "react-native";

import BlueSteps from "./components/bluesteps";

import GreenStpes from "./components/greensteps";

import RedSteps from "./components/redsteps";

import Steps from "./components/yellowsteps";

export default function App() {

return(

<View style={styles.container}>

<View style={styles.wrapper2}>

<View style={styles.wrapper}>

<View style={styles.Box1}>

<View style={styles.box1}>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

</View>

</View>

<Steps />

<View style={styles.Box2}>

<View style={styles.box2}>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

</View>

</View>

</View>

<View style={styles.wrapper}>

<RedSteps/>

<View style={styles.centeralBox}/>

<BlueSteps/>

</View>

<View style={styles.wrapper}>

<View style={styles.Box3}>

<View style={styles.box3}>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

</View>

</View>

<GreenStpes/>

<View style={styles.Box4}>

<View style={styles.box4}>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

<View style={styles.circle}/>

</View>

</View>

</View>

</View>

</View>

);

}

const styles = StyleSheet.create({

container: {

flex: 1,

backgroundColor: "black",

justifyContent: "center",

},

wrapper: {

flexDirection: "row",

justifyContent: "center",

backgroundColor: "black",

},

wrapper2: {

flexDirection: "column",

justifyContent: "center",

alignItems: 'center'

},

Box1: {

backgroundColor: "red",

height: 150,

width: 150,

},

box1: {

backgroundColor: "maroon",

height: 100,

width: 100,

margin: 25,

flexWrap: "wrap"

},

Box2: {

backgroundColor: "gold",

height: 150,

width: 150,

},

box2: {

backgroundColor: "goldenrod",

height: 100,

width: 100,

margin: 25,

flexWrap: "wrap"

},

Box3: {

backgroundColor: "green",

height: 150,

width: 150,

},

box3: {

backgroundColor: "darkgreen",

height: 100,

width: 100,

margin: 25,

flexWrap: "wrap"

},

Box4: {

backgroundColor: "blue",

height: 150,

width: 150,

},

box4: {

backgroundColor: "darkblue",

height: 100,

width: 100,

margin: 25,

flexWrap: "wrap"

},

circle: {

backgroundColor: "white",

height: 20,

width: 20,

borderRadius: 10,

margin: 14

},

row: {

justifyContent: "center",

flexDirection: "row",

},

centeralBox: {

width: 75,

height: 75,

backgroundColor: 'pink'

}

});

import React, { Component } from 'react';

import { View, Text, StyleSheet } from 'react-native';

const BlueSteps = () => {

return (

<View style={styles.wrapper}>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

<View style={[styles.box, {backgroundColor: 'blue'}]}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

</View>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

backgroundColor: '#2c3e50',

},

wrapper: {

flexDirection: 'row',

flexWrap: 'wrap',

flex:1,

backgroundColor: '#2c3e50',

},

box: {

width:25,

height:25,

backgroundColor: 'white',

borderColor: 'black',

borderWidth: 0.1

}

});

export default BlueSteps;

import React, { Component } from 'react';

import { View, Text, StyleSheet } from 'react-native';

const GreenStpes = () => {

return (

<View style={styles.wrapper}>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'green'}]}/>

<View style={styles.box}/>

<View style={styles.box}/>

</View>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

backgroundColor: '#2c3e50',

},

wrapper: {

flexDirection: 'row',

flexWrap: 'wrap',

flex:1,

backgroundColor: '#2c3e50',

},

box: {

width:25,

height:25,

backgroundColor: 'white',

borderColor: 'black',

borderWidth: 0.1

}

});

export default GreenStpes;

import React, { Component } from 'react';

import { View, Text, StyleSheet } from 'react-native';

const RedSteps = () => {

return (

<View style={styles.wrapper}>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

</View>

<View style={{flexDirection:'column'}}>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'red'}]}/>

<View style={styles.box}/>

</View>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

backgroundColor: '#2c3e50',

},

wrapper: {

flexDirection: 'row',

flexWrap: 'wrap',

flex:1,

backgroundColor: '#2c3e50',

},

box: {

width:25,

height:25,

backgroundColor: 'white',

borderColor: 'black',

borderWidth: 0.1

}

});

export default RedSteps;

import React, { Component } from 'react';

import { View, Text, StyleSheet } from 'react-native';

const Steps = () => {

return (

<View style={styles.wrapper}>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

</View>

<View style={{flexDirection:'column'}}>

<View style={styles.box}/>

<View style={[styles.box, {backgroundColor: 'gold'}]}/>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

<View style={styles.box}/>

</View>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

alignItems: 'center',

backgroundColor: '#2c3e50',

},

wrapper: {

flexDirection: 'row',

flexWrap: 'wrap',

flex:1,

backgroundColor: '#2c3e50',

},

box: {

width:25,

height:25,

backgroundColor: 'white',

borderColor: 'black',

borderWidth: 0.1

}

});

export default Steps;

OUTPUT

