React Native JS

📅 Due	
☰ Tags	`JS` `React`

Nov 1

- I just got the course and I am going to start the course
- I am going to document how I installed everything and small notices

Nov 2

- Yesterday I got android studio working
- And Now I am starting the main part which teaches React Native 🙂
- If any updated I will ad

```
// The below will convert the number of lines to 1
<Text numberOfLines={1} onPress={handlePress}>
      Open up App.js to start working on your app! - A really really long text
      I want to make this really long
</Text>

// Add Image Local
<Image source={require("./assets/icon.png")} width={300} height={300} />
    <TouchableHighlight onLongPress={handlePress}>
    <Image
        fadeDuration={1000}
        source={{
          uri: "https://i.picsum.photos/id/594/200/300.jpg?hmac=kcNk6N4hJqRhoKUJ8ZeFWLMVV-2_Z5hLfxCFEyrsAx4",
          width: 300,
          height: 300,
        }}
      />
    <View style={{width: 300, height: 300, backgroundColor:"gray"}}></View>
    </TouchableHighlight>

// Button
<Button
    style={{ color: "black", backgroundColor: "white" }}
      title="Click Me"
      onPress={() => console.log("hgt")}

    />
// Allert
onPress={() => Alert.alert("My title","Message",[
        {
          text:"Yes",
          style: { color: "black",backgroundColor: "white"},
          onPress : () => alert("YES")
        },
        {
          text:"No",
```

```
            style: { color: "black",backgroundColor: "white"},
            onPress : () => alert("NO")
          }
        ])}

// Specific

paddingTop : Platform.OS === "android" ? 10 : 0

// Demensions
console.log(Dimensions.get('screen'))

// Oreitation
const { landscape } = useDeviceOrientation();
console.log(useDimensions());
  console.log(useDeviceOrientation());

height: landscape ? "50%" : "30%",

// Flex

<View
    style={{
      backgroundColor: "#ff",
      flex: 1,
      flexDirection: "row",
    }}
  >
    <View
      style={{ backgroundColor: "dodgerblue", width: 100, height: 100 }}
    />
    <View style={{ backgroundColor: "gold", width: 100, height: 100 }} />
    <View style={{ backgroundColor: "tomato", width: 100, height: 100 }} />
  </View>

// Flex
flexDirection: "row", // hoezontal
        justifyContent:"center", // man
        alignItems: "center" // secondry

// Flex

alignContent: "center", // Center the items
        flexWrap: "wrap", // Go to new line+

// Shortcut
# rfs
# rnss

// Border

<View style={{ flex: 1, justifyContent: "center", alignItems: "center" }}>
    <View
      style={{
        backgroundColor: "dodgerblue",
        width: 100,
        height: 100,
        borderWidth: 10,
        borderColor: "royalblue",
        borderRadius: 10,
      }}
    ></View>
  </View>
```

```
// Shadows

<View style={{ flex: 1, justifyContent: "center", alignItems: "center" }}>
    <View
      style={{
        backgroundColor: "dodgerblue",
        width: 100,
        height: 100,
        shadowColor: "grey",
        shadowOffset: { height: 10, width: 10 },
        shadowOpacity: 1,
        shadowRadius: 10,
        elevation: 50,
      }}
    ></View>
  </View>

// Difference betweening margin and padding
// padding = the space inside the div
// margin = the space around the div

<View style={{ flex: 1, justifyContent: "center", alignItems: "center" }}>
    <View
      style={{
        backgroundColor: "dodgerblue",
        width: 100,
        height: 100,
        padding: 20,
        paddingHorizontal: 10,
        paddingLeft: 30,
      }}
    >
      <View styles={{ backgroundColor: "gold", width: 50, height: 50 }}>
        <Text></Text>
      </View>
    </View>
  </View>

// Text Custom
fontFamily: "Roboto",
        fontStyle: "italic",
        fontWeight: "600",
        color: "tomato",
        textTransform: "uppercase",
        textAlign: "center",

// Create cust custom component

import React from "react";
import { Text, StyleSheet, Platform } from "react-native";
function AppText({ children }) {
  return <Text style={styles.text}>{children}</Text>;
}
const styles = StyleSheet.create({
  text: {
    fontSize: 18,
    fontFamily: Platform.OS === "android" ? "Roboto" : "Avernir",
  },
});
export default AppText;


// PlatForm
```

```
      ...Platform.select({
          ios: {
            fontSize: 20,
          },
          android: {
            fontSize: 50,
          },
        })

  // Platform
  App.ios.js
  App.android.js

  // Clean

  // /app/componentns/AppText/AppText.js and styple.js

  // Swithc

  <Switch
          value={isNew}
          onValueChange={(newValue) => {
            setIsNew(newValue);
          }}
        />
```