

Core components & Apis

View

```
import React from "react";
import { StyleSheet, Text, View, SafeAreaView } from "react-native";

export default function App() {
  console.log("App executed");

  return (
    <View style={styles.container}>
      <Text>Hello React Native</Text>
    </View>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "dodgerblue",
    alignItems: "center",
    justifyContent: "center",
  },
});
```

SafeAreaView

```
import React from "react";
import { StyleSheet, Text, View, SafeAreaView } from "react-native";

export default function App() {
  console.log("App executed");

  return (
    <SafeAreaView style={styles.container}>
      <Text>Hello React Native</Text>
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "dodgerblue",
    // alignItems: "center",
    // justifyContent: "center",
  },
});
```

Text

```
import React from "react";
import { StyleSheet, Text, View, SafeAreaView } from "react-native";

export default function App() {
  console.log("App executed");
```

```

const handlePress = () => {
  console.log("text pressed")
}
return (
  <SafeAreaView style={styles.container}>
    <Text numberOfLines={1} onPress={handlePress} >Hello React Native</Text>
  </SafeAreaView>
);
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "dodgerblue",
    // alignItems: "center",
    // justifyContent: "center",
  },
});

```

Image

```

import React from "react";
import { StyleSheet, Text, View, Image, SafeAreaView } from "react-native";

export default function App() {
  return (
    <SafeAreaView style={styles.container}>
      <Text >Hello React Native</Text>
      <Image source={require("./assets/icon.png")} />
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    alignItems: "center",
    justifyContent: "center",
  },
});

```

```

import React from "react";
import { StyleSheet, Text, View, Image, SafeAreaView } from "react-native";

export default function App() {
  console.log(require("./assets/icon.png"))
  return (
    <SafeAreaView style={styles.container}>
      <Text >Hello React Native</Text>
      <Image
        blurRadius={10}
        fadeDuration={1000}
        source={{
          width: 300,
          height: 200,
          uri: "https://picsum.photos/200/300"
        }} />
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    alignItems: "center",
    justifyContent: "center",
  },
});

```

Touchable

```
import React from "react";
import { StyleSheet, Text, TouchableNativeFeedback, TouchableHighlight, TouchableOpacity, TouchableWithoutFeedback, View, Image } from "react-native";

export default function App() {
  return (
    <SafeAreaView style={styles.container}>
      <Text>Hello React Native</Text>
      <TouchableNativeFeedback onPress={() => console.log("image tapped")}>
        <Image
          source={{
            width: 300,
            height: 200,
            uri: "https://picsum.photos/200/300"
          }} />
      </TouchableNativeFeedback>
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    alignItems: "center",
    justifyContent: "center",
  },
});
```

Button

```
import React from "react";
import { StyleSheet, Button, SafeAreaView } from "react-native";

export default function App() {
  return (
    <SafeAreaView style={styles.container}>
      <Button title="click me" color="gold" onPress={() => console.log("btn tapped")} />
    </SafeAreaView>
  );
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    alignItems: "center",
    justifyContent: "center",
  },
});
```

StyleSheet Api

```
import React from "react";
import { StyleSheet, Button, SafeAreaView } from "react-native";

export default function App() {
  return (
    <SafeAreaView style={[styles.container, containerStyle]}>
      <Button title="click me"
        onPress={() => console.log("btn tapped")} />
    </SafeAreaView>
  );
}

const containerStyle = {
  backgroundColor: 'orange'
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    alignItems: "center",
    justifyContent: "center",
  },
});
```

Platform-specific Code

```
import React from "react";
import { StyleSheet, Button, SafeAreaView, Platform, StatusBar } from "react-native";

export default function App() {
  return (
    <SafeAreaView style={[styles.container, containerStyle]}>
      <Button title="click me"
        onPress={() => console.log("btn tapped")} />
    </SafeAreaView>
  );
}

const containerStyle = {
  backgroundColor: 'orange'
}

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: "#fff",
    paddingTop: Platform.OS === 'android' ? StatusBar.currentHeight : 0
  },
});
```