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| **Lab No: 1** | **Message display using Toast and Log Message** | **Date: 31/08/2020**  **ABHISHEK SRIVASTAVA**  **19BCE10071** |

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| **Aim:**  To develop a Simple Android Application that displays Toast and Log Messages. |
| **Procedure:**  1. Create a new react-native app using expo (expo init my-list-app)  2. In the Terminal, cd into the project directory using ( cd my-list-app/ )  3. In the Terminal, start the App ( expo start )  5. A Window will open in the browser ( http://localhost:19006/)  6. It will take some time to build and load the project.  7. After completion it will look as shown below:  (This Application include:-   * App.js * Pages:-   + Home.js   + Detail.js   + Toast.js * Two Components:-   + Magic.js   + Boxes.js |

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| **Code for App.js**  import React, { useState } from "react";  import { StyleSheet, Text, View, Button } from "react-native";  import { NavigationContainer } from "@react-navigation/native";  import { createStackNavigator } from "@react-navigation/stack";  import Detail from "./pages/Detail";  import Home from "./pages/Home";  import Toast from "./pages/Toast";  const Stack = createStackNavigator();  function App() {  return (  <NavigationContainer>  <Stack.Navigator initialRouteName="Home">  <Stack.Screen  name="Home"  component={Home}  options={{ title: "Home" }}  />  <Stack.Screen  name="Detail"  component={Detail}  options={{ title: "Details " }}  />  <Stack.Screen  name="Toast"  component={Toast}  options={{ title: "Toast " }}  />  </Stack.Navigator>  </NavigationContainer>  );  }  export default App; |
| **Code for Toast.js**  import React, { useState } from "react";  import { StyleSheet, Text, View, Button } from "react-native";  function Detail({ navigation }) {  const [display, setDisplay] = useState(false);  const displayhandler = () => {  setDisplay(!display);  };  return (  <View style={styles.container}>  <Text style={{ fontSize: 27 }}>Toast and Logs Messages</Text>  <View  style={{  width: 450,  height: 400,  marginTop: 40,  backgroundColor: "skyblue",  }}  >  {display && (  <Text style={{ fontSize: 17 }}>You clicked the message</Text>  )}  {!display && <Text></Text>}  <Button title="Display" onPress={displayhandler} />  </View>  <Button title="Go to Home" onPress={() => navigation.navigate("Home")} />  </View>  );  }  const styles = StyleSheet.create({  container: {  flex: 1,  backgroundColor: "#ffd",  alignItems: "center",  justifyContent: "center",  },  });  export default Detail; |
| **Final App:** |

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| **Project Files:-** |
| [GitHub Link](https://github.com/abhishek2x/Detail-App) |

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| **THANKYOU**  **ABHISHEK SRIVASTAVA**  **19BCE10071** |