# Department of Computing

**CS-441: Web Technologies II**

**Class: BSCS 9AB**

# Lab 08: Express JS for handling Forms.

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# Lab 09: React Native using Expo

**Lab Tasks**

Build a simple prototype that shows how Expo can be used to build a friendly user experience with instant visual updates and scalable code in native applications.

**Features**

* Add images from the image folder and show header image
* Add some text giving out details about your self
* Add Buttons which act as links to your social networks and github profile.

**Hint:**

<https://reactnative.dev/docs/getting-started>

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| Solution |
| Task Code:  APP.JS  import \* as React from 'react';  import { Text, View, StyleSheet, Image, Button, Linking } from 'react-native';  import Constants from 'expo-constants';  import AssetExample from './components/AssetExample';  export default function App() {    return (      <View style={styles.container}>  */\*HEARER IMAGE - SEECS\*/*      <AssetExample />  */\*SOME DETAILS ABOUT ME\*/*      <View>        <Text style={styles.paragraph}>         Hello World!        </Text>        <Text style={styles.paragraph}>         I am Aamna Sarosh, a final year student at SEECS-NUST, Islamabad.        </Text>      </View>  */\*BUTTONS LINKING TO MY SOCIALS\*/*      <View style={{marginBottom:20,}}>        <View style={styles.buttonContainer}>         <Button              onPress={() => Linking.openURL('https://www.linkedin.com/in/aamnasarosh/')}              title="LinkedIn" color = "#0A66C2"            />          </View>        <View style={styles.buttonContainer}>         <Button              onPress={() => Linking.openURL('https://github.com/aamnasarosh')}              title="GitHub" color = "#30AA52"            />        </View>      </View>        </View> */\*End View Container\*/*    );  }  const styles = StyleSheet.create({    container: {      backgroundColor: '#ffffff',      padding: 22,      marginTop:0,      flex: 1,      flexDirection: 'column',      justifyContent: 'space-between',    },    paragraph: {      margin: 10,      fontSize: 18,      fontWeight: 'bold',      textAlign: 'center',    },    buttonContainer: {      margin: 5,      paddingHorizontal:50,    },  });  ASSETEXAMPLE.JS  import \* as React from 'react';  import { Text, View, StyleSheet, Image } from 'react-native';  export default function AssetExample() {    return (      <View style={styles.container}>    */\*HEARER IMAGE - SEECS\*/*      <Image style={{width: 400, height: 150, marginTop:0,}} source={require('../images/seecs.jpg')} />      <Text style={styles.paragraph}>WT2 Lab 09</Text>      </View>    );  }  const styles = StyleSheet.create({    container: {      alignItems: 'center',      justifyContent: 'center',      marginTop:0,    },    paragraph: {      margin: 0,      marginTop: 0,      fontSize: 14,      textAlign: 'center',      fontWeight: 'bold'    },  });  Task Output Screenshot: |