

ASSIGNMENT-03

ANDROID APP DEVELOPMENT

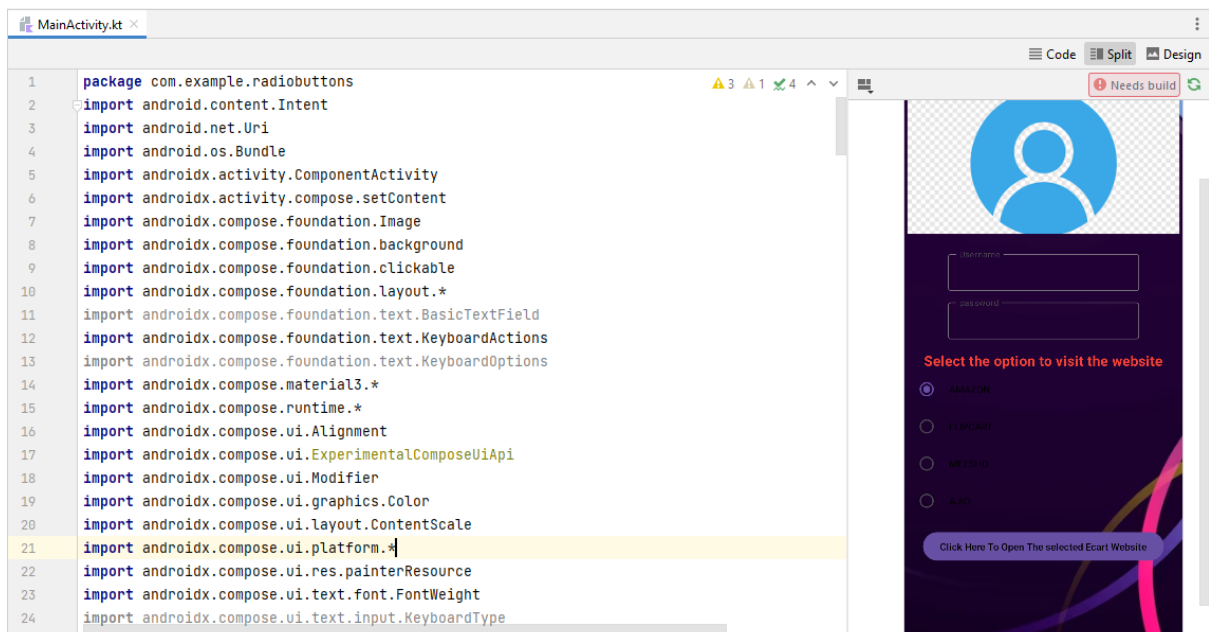
NAME.: P. MAHESWAR REDDY

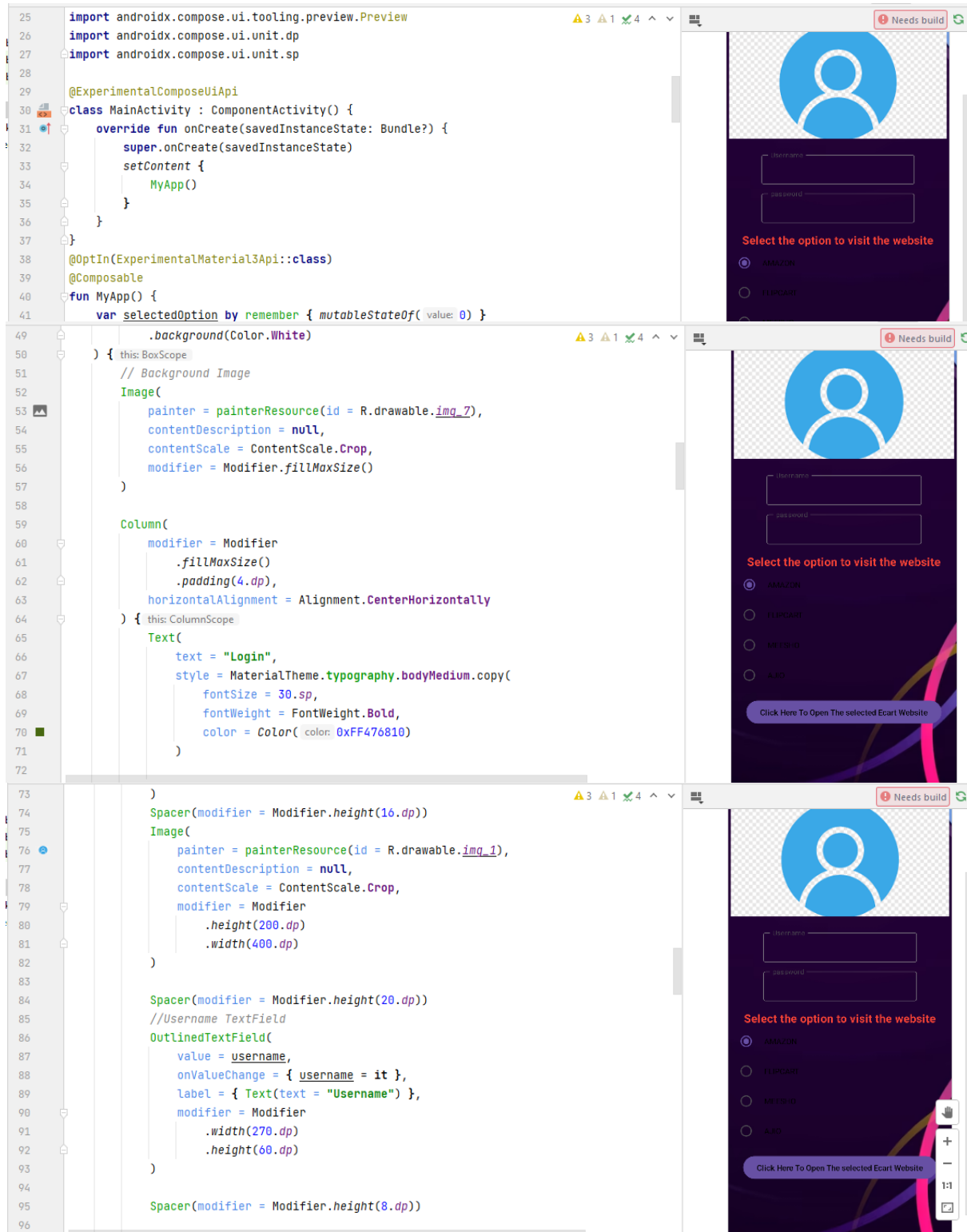
REG NO.: 21BCE7009

CAMPUS.: VIT-AP UNIVERSITY

\$

LOGIN PAGE





```

97      OutlinedTextField(
98          value = password,
99          onValueChange = { password = it },
100          label = { Text(text = "password") },
101          keyboardActions = KeyboardActions(
102              onDone = { this: KeyboardActionScope
103                  //Handle Login Here
104              }
105          ),
106          modifier = Modifier
107              .width(270.dp)
108              .height(60.dp)
109      )
110      Spacer(modifier = Modifier.height(16.dp))
111      Text(
112          text = "Select the option to visit the website",
113          style = MaterialTheme.typography.bodyMedium.copy(

```

```

121      // Center the radio buttons below the password field
122      Column(
123          modifier = Modifier
124              .fillMaxWidth()
125              .padding(1.dp), // Decreased padding
126              horizontalAlignment = Alignment.CenterHorizontally
127      ) { this: ColumnScope
128          RadioOption(
129              text = "AMAZON",
130              selected = selectedOption == 0,
131              onSelected = { selectedOption = 0 }
132          )
133          RadioOption(
134              text = "FLIPKART",
135              selected = selectedOption == 1,
136              onSelected = { selectedOption = 1 }
137          )
138          RadioOption(
139              text = "MEESHO",
140              selected = selectedOption == 2,
141              onSelected = { selectedOption = 2 }
142          )
143      }
144

```

```

145      RadioOption(
146          text = "AJIO",
147          selected = selectedOption == 3,
148          onSelected = { selectedOption = 3 }
149      )
150  }
151
152  Spacer(modifier = Modifier.height(8.dp)) // Decreased spacer height
153
154  Box(
155      modifier = Modifier
156          .padding(4.dp) // Decreased padding
157  ) { this: BoxScope
158      Button(
159          {
160              val urls = arrayOf(
161                  "https://www.amazon.com/",
162                  "https://www.flipkart.com/",
163                  "https://www.meesho.com/",
164                  "https://www.ajio.com/"
165              )
166
167              val selectedUrl = urls.getOrNull(selectedOption)
168

```

```

169         when (selectedOption) {
170             0, 1, 2, 3 -> {
171                 if (!selectedUrl.isNullOrEmpty()) {
172                     val intent = Intent(Intent.ACTION_VIEW, Uri.parse(selectedUrl))
173                     context.startActivity(intent)
174                 }
175             }
176
177             else -> {
178                 // Handle the case where no option is selected
179             }
180         }
181     }, Modifier
182         .padding(1.dp),
183     // Decreased padding
184
185     // Handle the case where no option is selected
186     // Decreased padding
187
188     // Handle the case where no option is selected
189     // Decreased padding
190
191     // Handle the case where no option is selected
192     // Decreased padding
193     onSelect: () -> Unit
194 ) {
195     Row(
196         modifier = Modifier
197             .fillMaxWidth()
198             .padding(2.dp)
199             .clickable { onSelect() },
200         verticalAlignment = Alignment.CenterVertically // Align content vertically
201     ) { this: RowScope
202         RadioButton(
203             selected = selected,
204             onClick = { onSelect() }
205         )
206         Spacer(modifier = Modifier.width(8.dp))
207         Text(text)
208     }
209 }
210 @OptIn(ExperimentalComposeUiApi::class)
211 @Composable
212 @Preview(showBackground = true)
213 fun PreviewMyApp() {
214     MyApp()
215 }

```

CODE:

```

package com.example.radiobuttons
import android.content.Intent
import android.net.Uri
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.clickable
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.text.BasicTextField
import androidx.compose.foundation.text.KeyboardActions
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.material3.*
import androidx.compose.runtime.*

```

```

import androidx.compose.ui.Alignment
import androidx.compose.ui.ExperimentalComposeUiApi
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.platform.*
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.compose.ui.text.TextStyle

@ExperimentalComposeUiApi
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            MyApp()
        }
    }
}

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun MyApp() {
    var selectedOption by remember { mutableStateOf(0) }
    var username by remember { mutableStateOf(" ") }
    var password by remember { mutableStateOf(" ") }
    val context = LocalContext.current

    Box(
        modifier = Modifier
            .fillMaxSize()
            .background(Color.White)
    ) {
        // Background Image
        Image(
            painter = painterResource(id = R.drawable.img_7),
            contentDescription = null,
            contentScale = ContentScale.Crop,
            modifier = Modifier.fillMaxSize()
        )

        Column(
            modifier = Modifier
                .fillMaxSize()
                .padding(4.dp),
            horizontalAlignment = Alignment.CenterHorizontally
        ) {
            Text(
                text = "Login",
                style = MaterialTheme.typography.bodyMedium.copy(
                    fontSize = 30.sp,
                    fontWeight = FontWeight.Bold,
                    color = Color(0xFF476810)
                )
            )
        }
    }
}

```

```

        )

    )

    Spacer(modifier = Modifier.height(16.dp))
    Image(
        painter = painterResource(id = R.drawable.img_1),
        contentDescription = null,
        contentScale = ContentScale.Crop,
        modifier = Modifier
            .height(200.dp)
            .width(400.dp)
    )

    Spacer(modifier = Modifier.height(20.dp))
    //Username TextField
    OutlinedTextField(
        value = username,
        onChange = { username = it },
        label = { Text(text = "Username") },
        modifier = Modifier
            .width(270.dp)
            .height(60.dp)
    )

    Spacer(modifier = Modifier.height(8.dp))

    OutlinedTextField(
        value = password,
        onChange = { password = it },
        label = { Text(text = "password") },
        keyboardActions = KeyboardActions(
            onDone = {
                //Handle Login Here
            }
        ),
        modifier = Modifier
            .width(270.dp)
            .height(60.dp)
    )

    Spacer(modifier = Modifier.height(16.dp))
    Text(
        text = "Select the option to visit the website",
        style = MaterialTheme.typography.bodyMedium.copy(
            fontSize = 20.sp,
            fontWeight = FontWeight.Bold,
            color = Color(0xFFFF44336)
        )
    )

)

// Center the radio buttons below the password field
Column(
    modifier = Modifier
        .fillMaxWidth()
        .padding(1.dp), // Decreased padding

```

```

        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        RadioOption(
            text = "AMAZON",
            selected = selectedOption == 0,
            onSelect = { selectedOption = 0 }

        )
        RadioOption(
            text = "FLIPKART",
            selected = selectedOption == 1,
            onSelect = { selectedOption = 1 }

        )
        RadioOption(
            text = "MEESHO",
            selected = selectedOption == 2,
            onSelect = { selectedOption = 2 }

        )
        RadioOption(
            text = "AJIO",
            selected = selectedOption == 3,
            onSelect = { selectedOption = 3 }

        )
    }

    Spacer(modifier = Modifier.height(8.dp)) // Decreased
spacer height

    Box(
        modifier = Modifier
            .padding(4.dp) // Decreased padding
    ) {
        Button(
            {
                val urls = arrayOf(
                    "https://www.amazon.com/",
                    "https://www.flipkart.com/",
                    "https://www.meesho.com/",
                    "https://www.ajio.com/"
                )

                val selectedUrl =
urls.getOrNull(selectedOption)

                when (selectedOption) {
                    0, 1, 2, 3 -> {
                        if (!selectedUrl.isNullOrEmpty()) {
                            val intent =
Intent(Intent.ACTION_VIEW, Uri.parse(selectedUrl))
                            context.startActivity(intent)
                        }
                    }

                    else -> {
                        // Handle the case where no option
is selected

```

```

        }
    }, Modifier
        .padding(1.dp),
    // Decreased padding

    ) {
        Text("Click Here To Open The selected Ecart
Website", color = Color.Black)

    } } } } }

@Composable
fun RadioOption(
    text: String,
    selected: Boolean,
    onSelected: () -> Unit
) {
    Row(
        modifier = Modifier
            .fillMaxWidth()
            .padding(2.dp)
            .clickable { onSelected() },
        verticalAlignment = Alignment.CenterVertically // Align
content vertically
    ) {
        RadioButton(
            selected = selected,
            onClick = { onSelected() }
        )
        Spacer(modifier = Modifier.width(8.dp))
        Text(text)
    }
}


@OptIn(ExperimentalComposeUiApi::class)
@Composable
@Preview(showBackground = true)
fun PreviewMyApp() {
    MyApp()
}

```

OUTPUT

9:38 PM 4G+ 12

Login



Username

password

Select the option to visit the website

☐

AMAZON

☐

FLIPCARD

☐

MEESHO

☒

AJIO


Click Here To Open The selected Ecart Website

9:38 PM

4G+

12

Login



Username

password

Select the option to visit the website

☐

AMAZON


☒

FLIPCART☐☐

Click Here To Open The selected Ecart Website

9:38 PM 🔔 ⚙️ 4G+ 12%

Login



Username

password

Select the option to visit the website

☒ AMAZON

☐ FLIPCART

☐ MEESHO

☐ AJIO

[Click Here To Open The selected Ecart Website](#)

THE END