SmartBridge Assignment-03

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CODE:

```
package com.example.amazonswiggyajio
import android.content.ActivityNotFoundException
import android.content.Intent
import android.net.Uri
import android.os.Bundle
import android.widget.Toast
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.Row
import androidx.compose.foundation.layout.Spacer
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.selection.selectable
import androidx.compose.foundation.text.KeyboardOptions
import androidx.compose.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.RadioButton
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable
import androidx.compose.runtime.getValue
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.runtime.setValue
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.input.ImeAction
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.dp

class MainActivity : ComponentActivity() {
```

```kotlin
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            LoginScreen()
        }
    }
}

@OptIn(ExperimentalMaterial3Api::class)
@Preview
@Composable
fun LoginScreen() {
    var username by remember { mutableStateOf("") }
    var password by remember { mutableStateOf("") }

    val radioOptions = listOf("https://www.amazon.com/",
"https://www.swiggy.com/", "https://www.ajio.com/")
    val (selectedOption, onOptionSelected) = remember {
mutableStateOf(radioOptions[2]) }

    val context = LocalContext.current
    Column(
        modifier = Modifier
            .fillMaxSize()
            .padding(16.dp),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Image(
            painter = painterResource(id = R.drawable.loginlogo),
            contentDescription = "Login Image",
            modifier = Modifier
                .size(150.dp)
                .padding(16.dp)
        )
        Text(
            text = "Login",
            style = MaterialTheme.typography.headlineMedium.copy(
                color = Color(0xFF476810)
            )
        )
        Spacer(modifier = Modifier.height(16.dp))
        OutlinedTextField(
            value = username, onValueChange = { username = it },
            label = { Text(text = "Username") },
            modifier = Modifier.fillMaxWidth()
        )
        Spacer(modifier = Modifier.height(16.dp))
        OutlinedTextField(
            value = password, onValueChange = { password = it },
            label = { Text(text = "Password") },
            keyboardOptions = KeyboardOptions(
                keyboardType = KeyboardType.Password,
                imeAction = ImeAction.Done
            )
        )
        Spacer(modifier = Modifier.height(32.dp))
        radioOptions.forEach { text ->
            Row(
                Modifier
                    .fillMaxWidth()
```

```kotlin
                    .selectable(
                        selected = (text == selectedOption),
                        onClick = { onOptionSelected(text) }
                    )
                    .padding(horizontal = 16.dp)
            ) {
                RadioButton(
                    selected = (text == selectedOption),
                    modifier = Modifier.padding(all = Dp(value = 8F)),
                    onClick = {
                        onOptionSelected(text)
                        Toast.makeText(context, text,
Toast.LENGTH_LONG).show()
                    }
                )
                Text(
                    text = text,
                    modifier = Modifier.padding(start = 16.dp)
                )
            }
        }
        Spacer(modifier = Modifier.height(16.dp))
        Button(onClick = {
            val intent = Intent(Intent.ACTION_VIEW)
            intent.data = Uri.parse(selectedOption)
            /*
            if (intent.resolveActivity(context.packageManager)!=null){
                context.startActivity(intent)
            }else{
                Toast.makeText(context,"No web browser
available",Toast.LENGTH_LONG).show()
            }*/

            try {
                context.startActivity(intent)
            } catch (e: ActivityNotFoundException) {
                Toast.makeText(context, "No web browser available",
Toast.LENGTH_LONG).show()
            }
        }, modifier = Modifier.fillMaxWidth()) {
            Text(text = "Login")
        }
    }
}
```
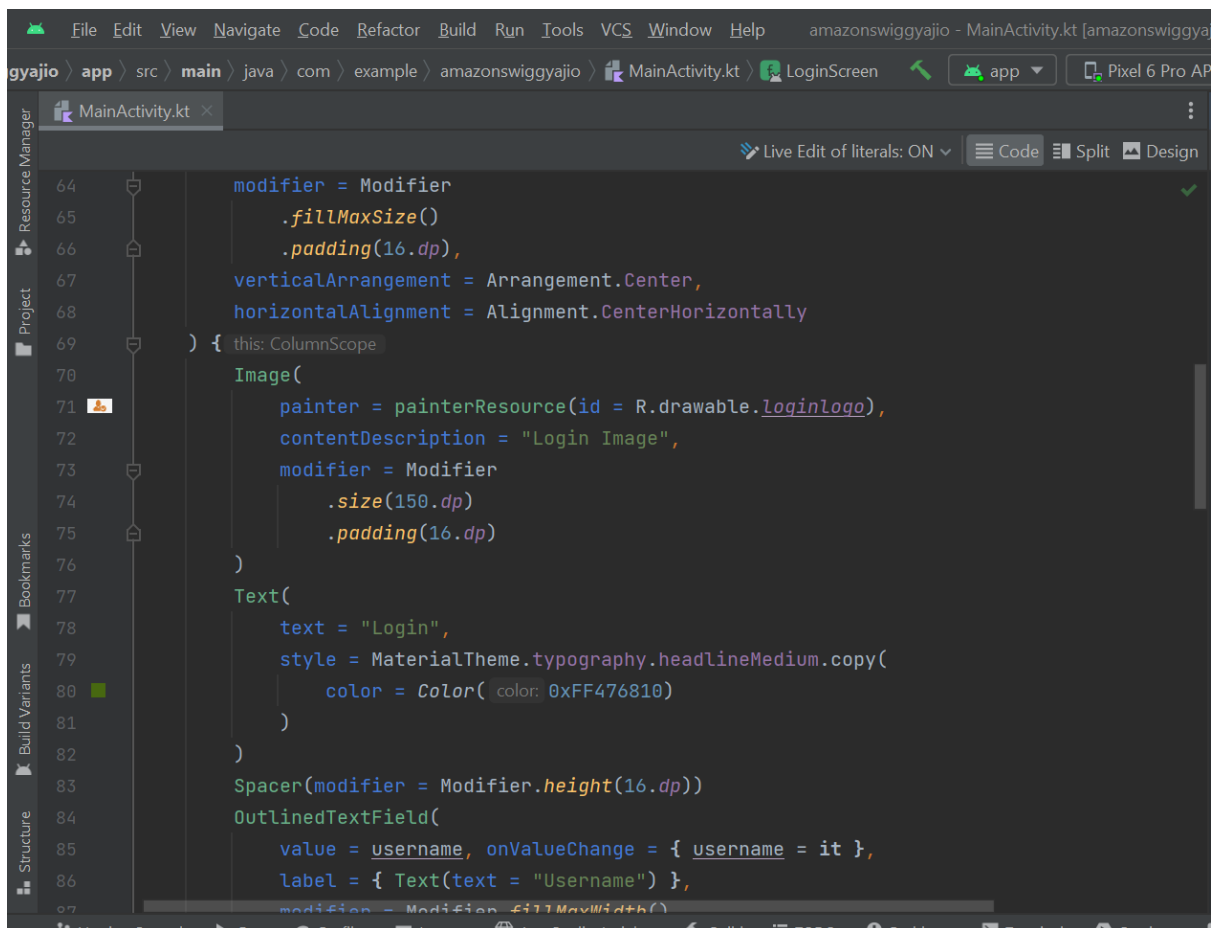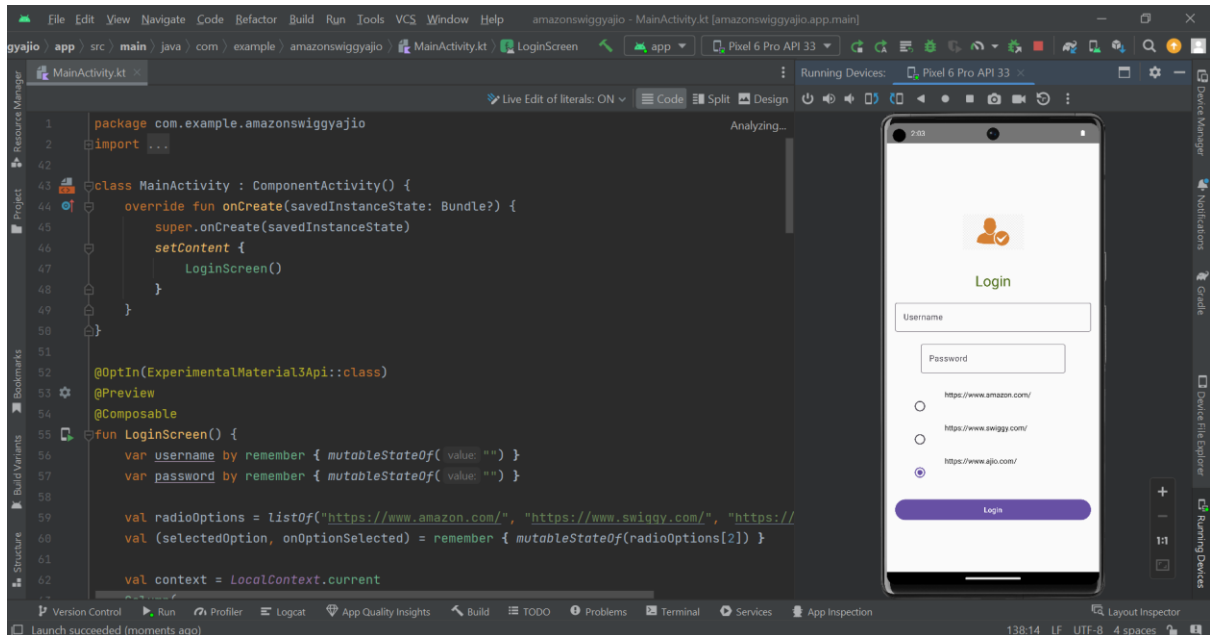
IMPLEMENTATION:
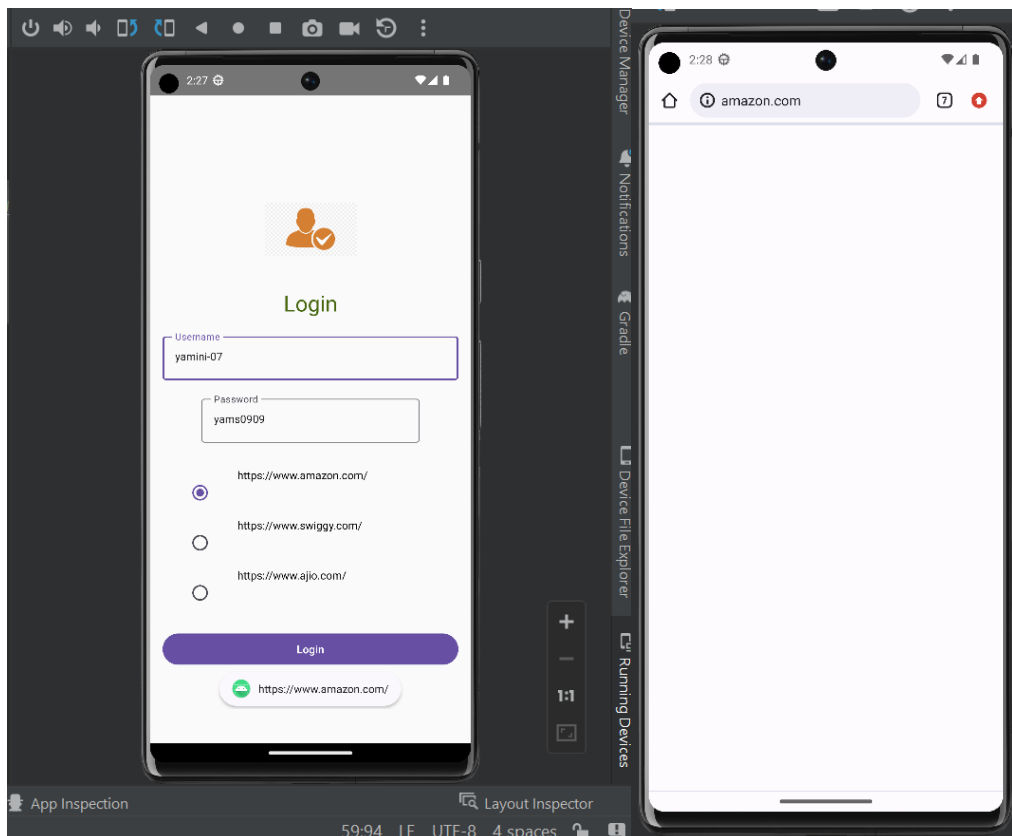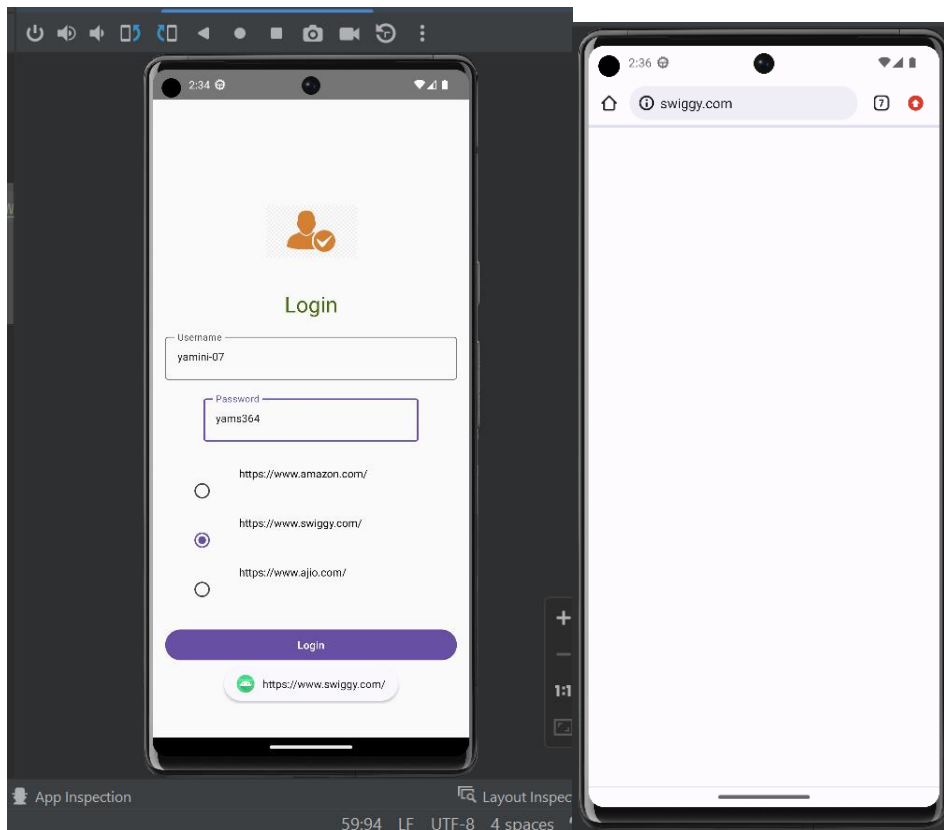
```
87              modifier = Modifier.fillMaxWidth()
88          )
89          Spacer(modifier = Modifier.height(16.dp))
90          OutlinedTextField(
91              value = password, onValueChange = { password = it },
92              label = { Text(text = "Password") },
93              keyboardOptions = KeyboardOptions(
94                  keyboardType = KeyboardType.Password,
95                  imeAction = ImeAction.Done
96              )
97          )
98          Spacer(modifier = Modifier.height(32.dp))
99          radioOptions.forEach { text ->
100             Row(
101                 Modifier
102                     .fillMaxWidth()
103                     .selectable(
104                         selected = (text == selectedOption),
105                         onClick = { onOptionSelected(text) }
106                     )
107                     .padding(horizontal = 16.dp)
108             ) { this: RowScope
109                 RadioButton(
```

```
110                     selected = (text == selectedOption),
111                     modifier = Modifier.padding(all = Dp(value = 8F)),
112                     onClick = {
113                         onOptionSelected(text)
114                         Toast.makeText(context, text, Toast.LENGTH_LONG).show()
115                     }
116                 )
117                 Text(
118                     text = text,
119                     modifier = Modifier.padding(start = 16.dp)
120                 )
121             }
122         }
123         Spacer(modifier = Modifier.height(16.dp))
124         Button(onClick = {
125             val intent = Intent(Intent.ACTION_VIEW)
126             intent.data = Uri.parse(selectedOption)
127             /*
128             if (intent.resolveActivity(context.packageManager)!=null){
129                 context.startActivity(intent)
130             }else{
131                 Toast.makeText(context,"No web browser available",Toast.LENGTH_LONG).show()
132             }*/
```

```
127          /*
128          if (intent.resolveActivity(context.packageManager)!=null){
129              context.startActivity(intent)
130          }else{
131              Toast.makeText(context,"No web browser available",Toast.LENGTH_LONG).show()
132          }*/
133
134          try {
135              context.startActivity(intent)
136          } catch (e: ActivityNotFoundException) {
137              Toast.makeText(context, text: "No web browser available", Toast.LENGTH_LONG).s|
138          }
139      }, modifier = Modifier.fillMaxWidth()) { this: RowScope
140          Text(text = "Login")
141      }
142  }
143
144  }
```

OUTPUT:

THE END