ASSIGNMENT – 3

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DRIVE LINK : https://drive.google.com/drive/folders/1hnUH4delExEJLFdI6WduTKx08iQzj_eE

CODE :

```
package com.example.jetpack2

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.graphics.painter.Painter
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
import com.example.jetpack2.R
```

```kotlin
class MainActivity : ComponentActivity() {
    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("google", "youtube", "amazon")
    val (selectedOption, onOptionSelected) = remember {
mutableStateOf(radioOptions[2]) }

    val context = LocalContext.current

    Column(
        modifier = Modifier
            .fillMaxSize()
            .padding(16.dp),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        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()
                }
            )

            // Use Image composable to display icons
            val icon: Painter = when (text) {
                "google" -> painterResource(id = R.drawable.google)
                "youtube" -> painterResource(id = R.drawable.youtube)
                "amazon" -> painterResource(id = R.drawable.amazon1)
                else -> painterResource(id = R.drawable.google)
            }

            Image(
                painter = icon,
                contentDescription = null,
                modifier = Modifier.size(24.dp) // Adjust the size as
needed
            )

            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)

        try {
            context.startActivity(intent)
        } catch (e: ActivityNotFoundException) {
            Toast.makeText(context, "No web browser available",
Toast.LENGTH_LONG).show()
        }
    }, modifier = Modifier.fillMaxWidth()) {
        Text(text = "Login")
    }
}
}
```

Login

Username

Password

G google
⚪

▶ youtube
🔘

a amazon
⚪

Login