

Assignment – 03

Name : Ch. Naga Chandana Priya RegNo: 21BCE9235

Course : Mobile Application Development

Mobile No : 7036295192

Mail : priya.21bce9235@vitapstudent.ac.in

Question :

After entering username and password , you should give list of 4 websites. After choosing one site click on open website.

MainActivity.kt :

```
package com.example.radiobuttonkotlin
```

```
import android.content.Intent
```

```
import android.net.Uri
```

```
import android.os.Bundle
```

```
import android.widget.Toast
```

```
import androidx.compose.runtime.setValue
```

```
import androidx.compose.runtime.getValue
```

```
import androidx.activity.ComponentActivity
```

```
import androidx.activity.compose.rememberLauncherForActivityResult
```

```
import androidx.activity.compose.setContent
```

```
import androidx.activity.result.contract.ActivityResultContracts
```

```
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.text.KeyboardActions
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.RadioButtonDefaults
import androidx.compose.material3.Surface
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
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.sp
import com.example.radiobuttonkotlinintext.MainActivity.Website.website1
import
com.example.radiobuttonkotlinintext.ui.theme.RadioButtonKotlinTextTheme

```

```

class MainActivity : ComponentActivity() {

```

```

    object Website{
        const val website1 = "Amazon"
        const val website2 = "Flipkart"
        const val website3 = "netflix"
        const val website4 = "youtube"
    }

```

```

    @OptIn(ExperimentalMaterial3Api::class)
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {

```

```

            Column(
                modifier = Modifier

```

```

        .fillMaxSize(),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ){
        var username by remember {mutableStateOf("")}
        var password by remember {mutableStateOf("")}
        val selectedWebsite = remember{
            mutableStateOf("")
        }
        Text(text = "Select Website",fontSize = 18.sp)
        Spacer(modifier = Modifier.size(16.dp))

        OutlinedTextField(
            value =username ,
            onChange = {
                username =it
            },
            label = {Text("username")},
            modifier = Modifier.fillMaxWidth()
        )
        Spacer(modifier = Modifier.height(16.dp))

        OutlinedTextField(
            value = password ,
            onChange = {
                password =it
            },
            label = {Text("password")},

            keyboardOptions = KeyboardOptions(
                keyboardType = KeyboardType.Password,
                imeAction = ImeAction.Done
            ),
            keyboardActions = KeyboardActions(
                onDone = {

                }
            ),
            modifier = Modifier.fillMaxWidth()
        )
        Spacer(modifier = Modifier.height(16.dp))

        Column(
            modifier = Modifier

```

```

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

    Row{
    RadioButton(
        selected = selectedWebsite.value == Website.website1,
        onClick = {
            selectedWebsite.value = Website.website1
        },
        colors = RadioButtonDefaults.colors(Color.Green)
    )

    Spacer(modifier = Modifier.size(16.dp))
    Text(Website.website1)

    Spacer(modifier = Modifier.size(16.dp))}

    Row (){
        RadioButton(
            selected = selectedWebsite.value == Website.website2,
            onClick = {
                selectedWebsite.value = Website.website2
            },
            colors = RadioButtonDefaults.colors(Color.Green)
        )
        Spacer(modifier = Modifier.size(16.dp))
        Text(Website.website2)
    }

    Row (){
        RadioButton(
            selected = selectedWebsite.value == Website.website3,
            onClick = {
                selectedWebsite.value = Website.website3
            },
            colors = RadioButtonDefaults.colors(Color.Green)
        )
        Spacer(modifier = Modifier.size(16.dp))
    }

```

```

        Text(Website.website3)
    }

    Row (){
        RadioButton(
            selected = selectedWebsite.value == Website.website4,
            onClick = {
                selectedWebsite.value = Website.website4
            },
            colors = RadioButtonDefaults.colors(Color.Green)
        )
        Spacer(modifier = Modifier.size(16.dp))
        Text(Website.website4)
    }

```

```

var url1 = "https://www.amazon.com"
var url2 = "https://www.flipkart.com"
var url3 = "https://www.netflix.com"
var url4 = "https://www.youtube.com"

```

```

// Toast.makeText(this@MainActivity, ""+selectedWebsite.value,
Toast.LENGTH_SHORT).show()
val openWebsite =
rememberLauncherForActivityResult(ActivityResultContracts.StartActivityFor
Result()) { }
Button(onClick = { /*TODO*/

    if(selectedWebsite.value == Website.website1){

        val intent = Intent(Intent.ACTION_VIEW,Uri.parse(url1))
        openWebsite.launch(intent)

    } else if(selectedWebsite.value == Website.website2){

        val intent = Intent(Intent.ACTION_VIEW,Uri.parse(url2))
        openWebsite.launch(intent)

    }
    else if(selectedWebsite.value == Website.website3){

```


MobileView :-

The image shows a mobile application interface with a dark grey status bar at the top displaying the time 11:44 PM, various notification icons, and connectivity status (VoWiFi, 4G, 97% battery). The main screen has a light grey background with the title "Select Website" in bold black text. Below the title are two white input fields with rounded corners, labeled "username" and "password". At the bottom, there is a vertical list of radio buttons next to the website names: Amazon (selected with a green dot), Flipkart, netflix, and youtube. Below this list is a purple rounded button labeled "validate". The bottom of the screen features a standard Android navigation bar with a square, a circle, and a triangle icon.

11:44 PM VoWiFi 4G 97%

Select Website

username

password

☒ Amazon

☐ Flipkart

☐ netflix

☐ youtube

validate

11:44 PM

Vo WiFi 97%



amazon.com



amazon

Sign in >



Search Amazon



Deals

Amazon Basics

Best Sellers

Books

Music



Deliver to India



Discover Toys



Shop Deals
& Promotions



Shop deals in
Women's Fashion



You are on amazon.com. You can also
shop on Amazon India for millions of
products with fast local delivery.
[Click here to go to amazon.in](#)

11:44 PM

VoWiFi

97

Select Website

username

Chandana

password

123Chandana

☐

Amazon

☒

Flipkart

☐

netflix

Open with



Chrome



Firefox

☐

Remember my choice

Cancel

11:44 PM

VoWiFi 97%



flipkart.com



Flipkart
Explore **Plus**



Login



Search for Products, Brands and More



Categories



Offer Zone



Mobiles



Fashion



Electronics



Appliances

IndiGo

Indigo

Flights From ₹1,499

Jet-Set to Unforgettable Experiences

USE CODE: FLYFK



Hot Gen-Z Fits
From ₹199



Spl. Launch Price
Just ₹899



Herbal Skincare
Up to 30% Off

In Demand

View all



Wearable Accessories



Audio Players