COMPUTER SCIENCE & ENGINEERING

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Github link: https://github.com/bat379/AndroidLogInPage.git

Q1. Write the complete XML layout code to implement this Student login form having the following functionalities. When we click on login button pop up will come "login is successful"

```kotlin
Here is Kotlin code: package com.example.ca_1

import android.os.Bundle
import android.widget.Button
import android.widget.EditText
import android.widget.Toast
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
import androidx.core.view.ViewCompat
import androidx.core.view.WindowInsetsCompat

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        val username = findViewById<EditText>(R.id.username)
        val password = findViewById<EditText>(R.id.password)
        val button = findViewById<Button>(R.id.button)
        button.setOnClickListener {
            val usr = username.text.toString()
            val pass = password.text.toString()
            if(usr == "bataa" && pass == "123")
            {
```

```
                Toast.makeText(this,"LOG IN
SUCCESSFULLY",Toast.LENGTH_LONG).show()
            }
            else
            {
                Toast.makeText(this,"LOG IN FAILED",Toast.LENGTH_LONG).show()
            }
        }

    }
}
```

Here is xml code:

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp"
    android:background="@drawable/img_1">

    <ImageButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginTop="40dp"
        android:src="@drawable/img_2" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="LOGIN"
        android:textSize="35sp"
        android:textStyle="bold"
        android:textColor="@color/white"
        android:layout_gravity="center"
        android:layout_marginTop="30dp" />

    <EditText
        android:id="@+id/username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Username"
        android:layout_margin="20dp"
        android:textColorHint="@color/black"
        android:padding="10dp"
        android:background="@color/white"/>

    <EditText
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Password"
        android:layout_margin="20dp"
        android:textColorHint="@color/black"
        android:padding="10dp"
        android:inputType="textPassword"
```

```
            android:background="@color/white"/>

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Login"
        android:textColor="@color/white"
        android:layout_gravity="center"
        android:layout_marginTop="30dp" />

</LinearLayout>
```
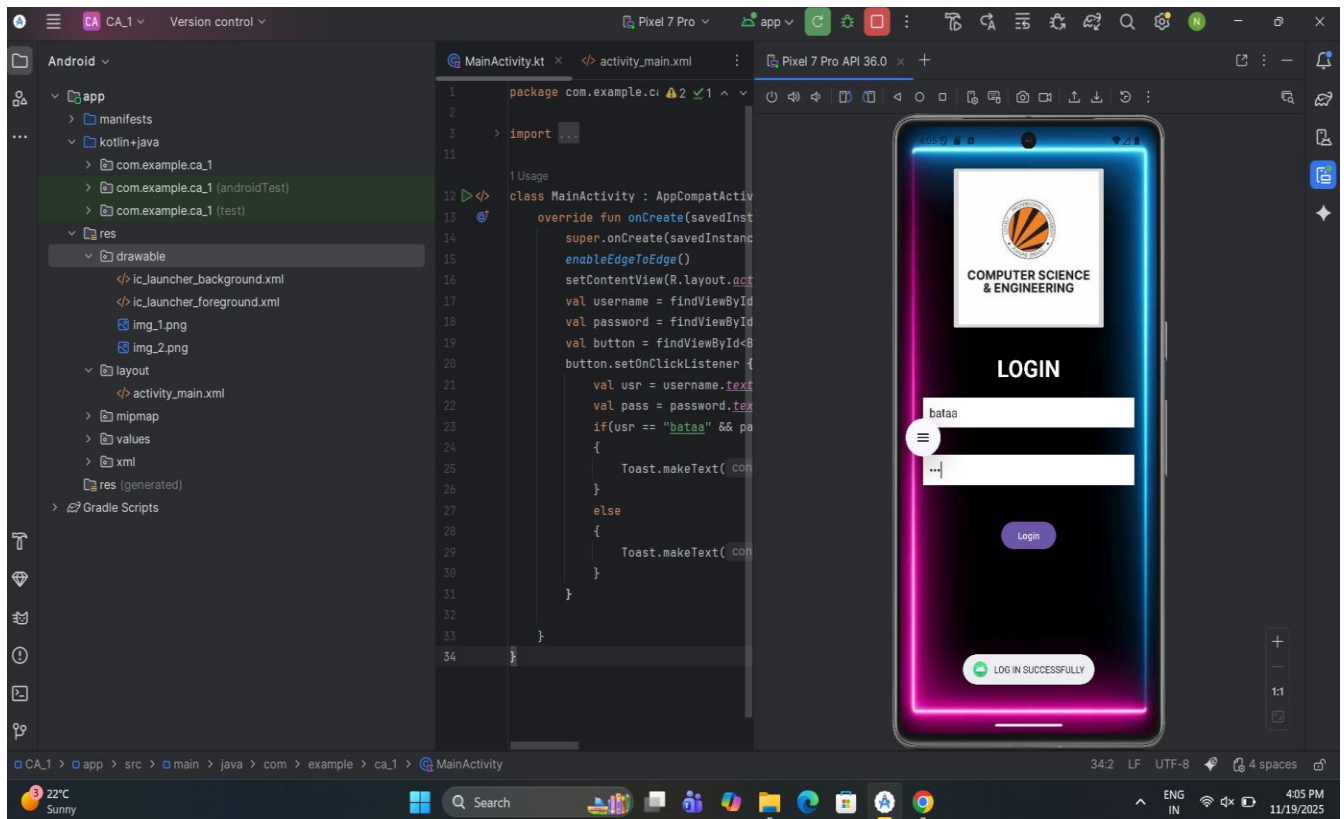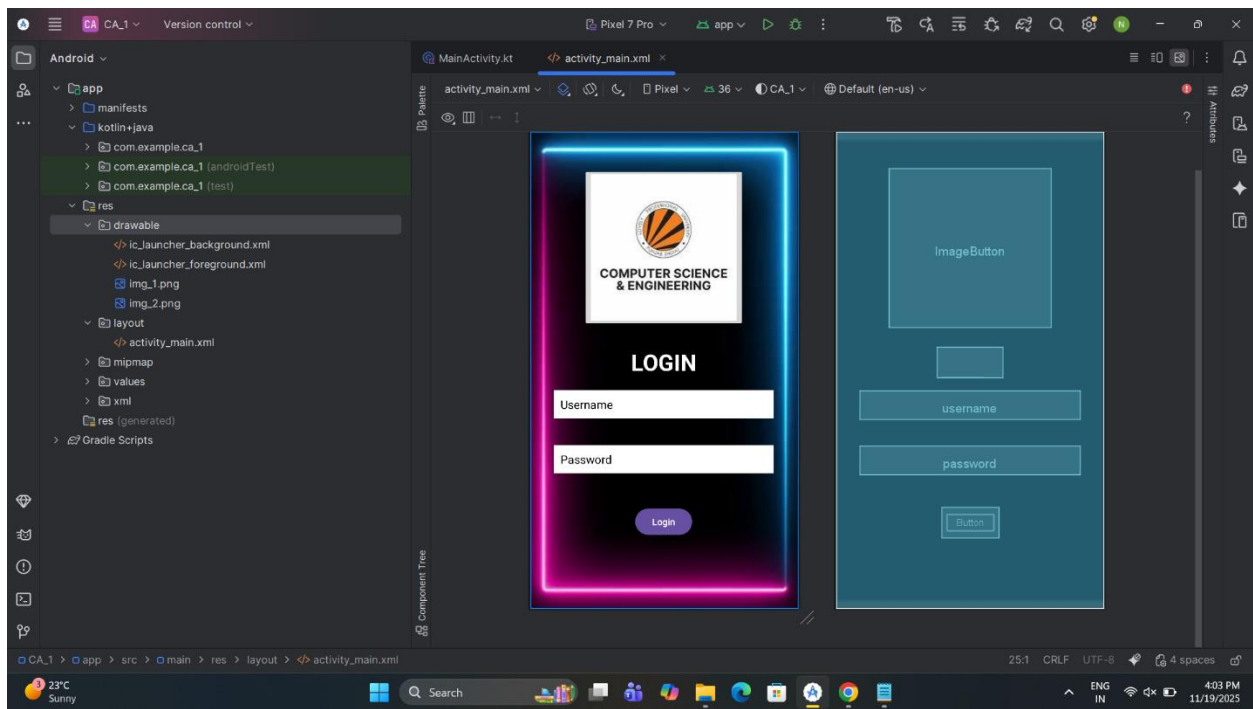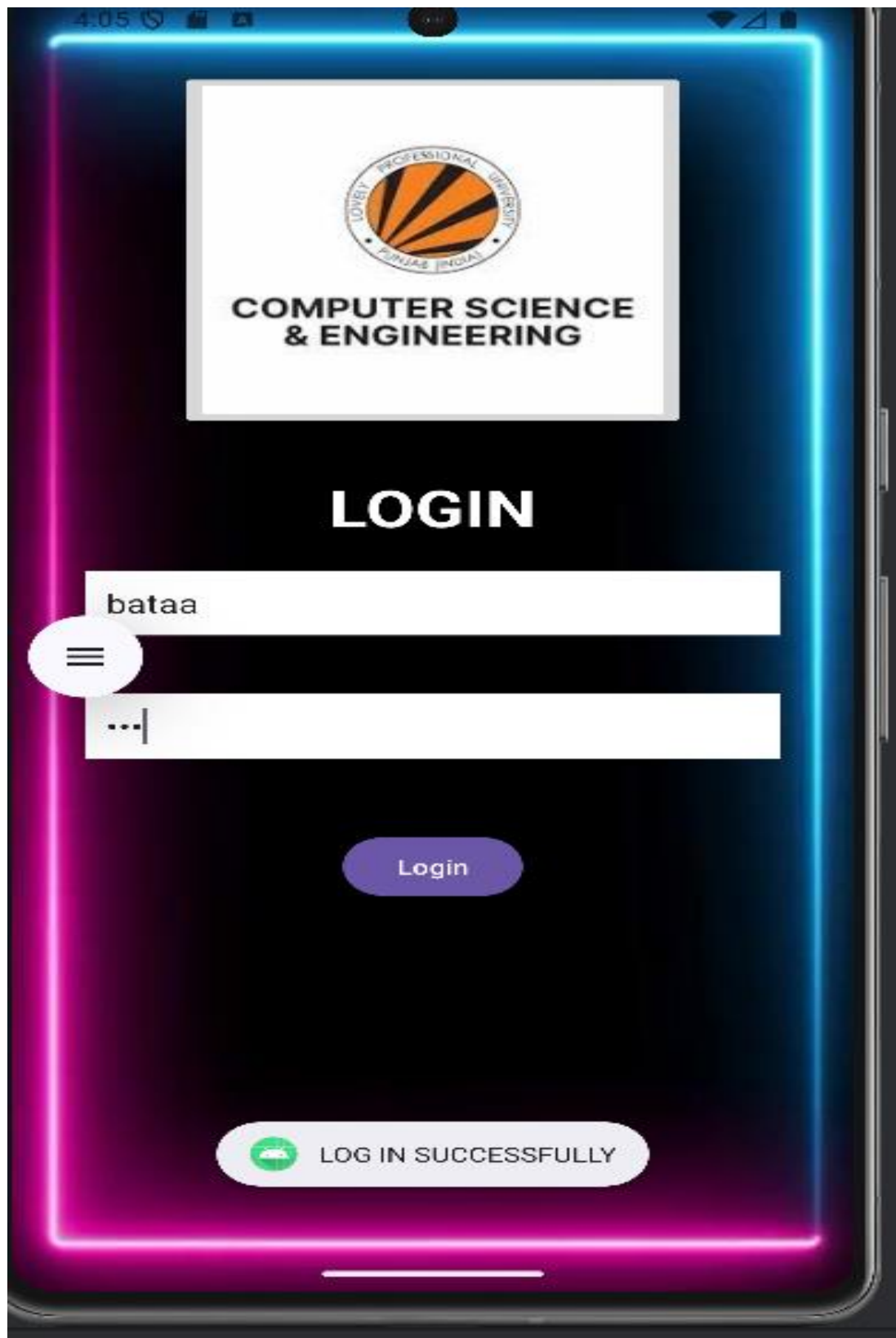
The output:

If the password and username correct:

Else:

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LOGIN

dorjaa

|...

Login

LOG IN FAILED