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Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">

    <EditText
        android:id="@+id/username"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="264dp"
        android:ems="10"
        android:hint="@string/enter_your_username"
        android:inputType="textPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/password"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="16dp"
        android:ems="10"
        android:hint="@string/enter_your_password"
        android:inputType="textPassword"
        app:layout_constraintStart_toStartOf="@+id/username"
        app:layout_constraintTop_toBottomOf="@+id/username" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="20dp"
        android:onClick="Validate"
        android:text="@string/login"
        app:layout_constraintEnd_toEndOf="@+id/password"
        app:layout_constraintStart_toStartOf="@+id/password"
        app:layout_constraintTop_toBottomOf="@+id/password"
        tools:ignore="UsingOnClickInXml" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.java

```
package com.example.lab10;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

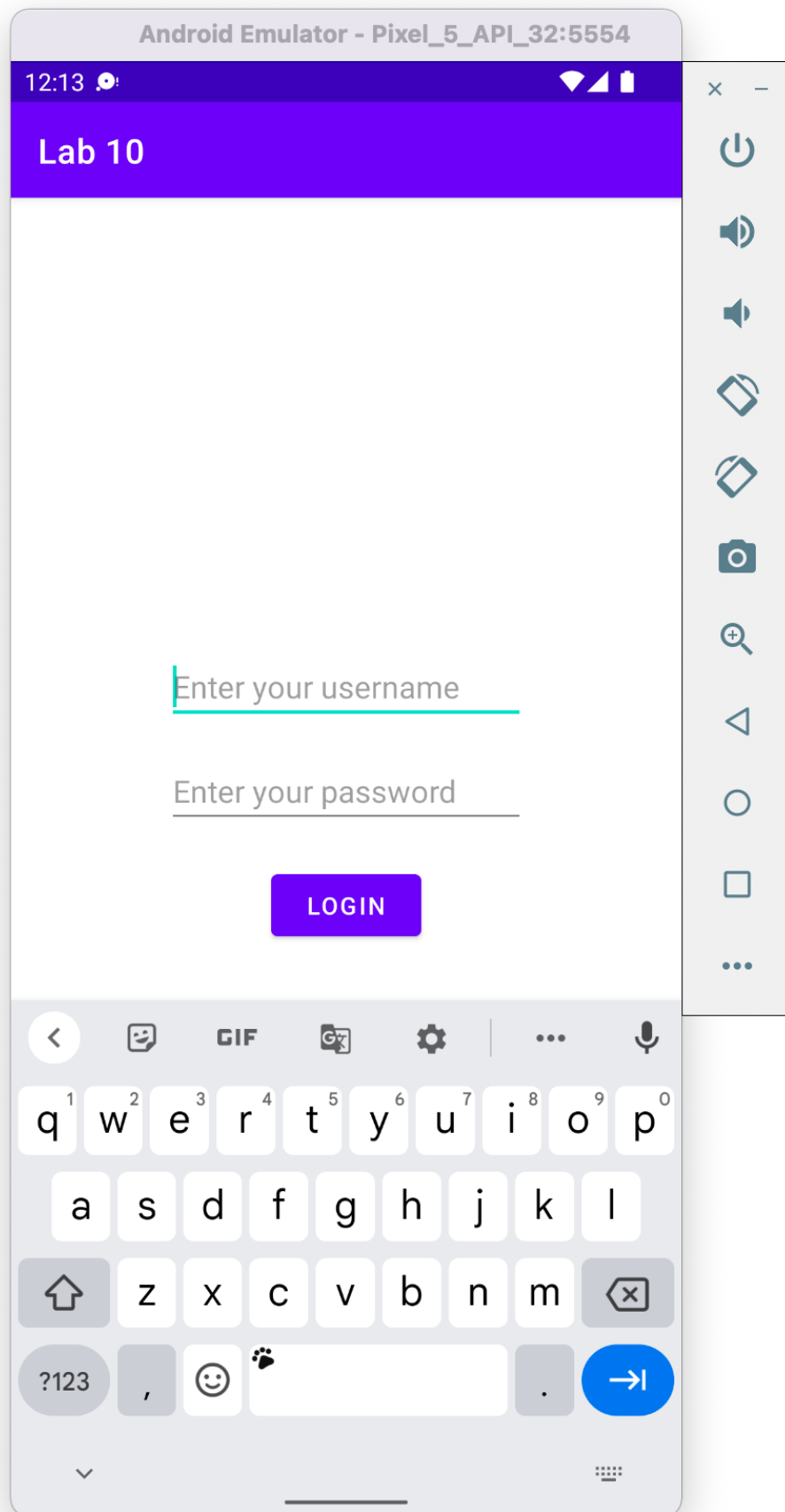
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void Validate(View view) {
        String username = "thenishantgiri";
        String password = "rootpass";

        EditText userValidation = findViewById(R.id.username);
        EditText passValidation = findViewById(R.id.password);

        if (userValidation.getText().toString().equals(username)
            && passValidation.getText().toString().equals(password))
        {
            Toast.makeText(getApplicationContext(), "Welcome",
Toast.LENGTH_SHORT).show();
        } else {
            Toast.makeText(getApplicationContext(), "Try Again",
Toast.LENGTH_SHORT).show();
        }
    }
}
```

Output



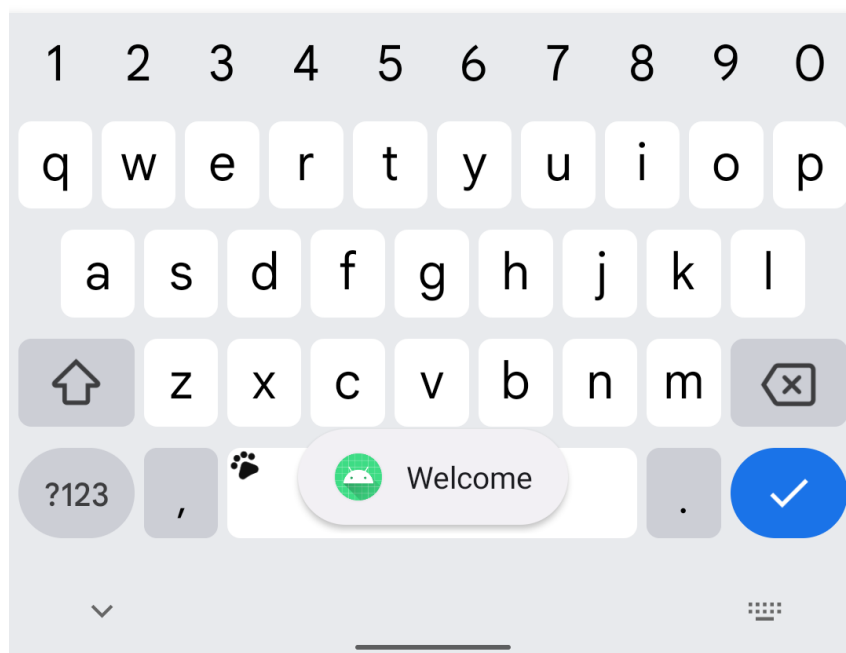
Correct Credentials



thenishantgiri

.....

LOGIN



Wrong Credentials



thenishantgiri

.....

LOGIN

