

```

package com.example.registraionapp;

import android.os.Bundle;
import android.widget.*;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

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

        Button btnRegister = findViewById(R.id.btnRegister);

        btnRegister.setOnClickListener(v ->
            Toast.makeText(this, "Registered Successfully!",
                Toast.LENGTH_SHORT).show()
            );
    }
}

```

Frontend

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="20dp">

    <!-- Name -->
    <EditText
        android:id="@+id/etName"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Name"
        android:inputType="textPersonName" />

    <!-- Email -->
    <EditText
        android:id="@+id/etEmail"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Email"
        android:inputType="textEmailAddress" />

    <!-- Password -->
    <EditText
        android:id="@+id/etPassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Password"
        android:inputType="textPassword" />

```

```

<!-- Register Button -->
<Button
    android:id="@+id/btnRegister"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Register"
    android:layout_marginTop="20dp" />

</LinearLayout>

```

2 => Progress Bar

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    android:padding="20dp">

    <!-- ProgressBar -->
    <ProgressBar
        android:id="@+id/progressBar"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:visibility="gone"/>

    <!-- Start Button -->
    <Button
        android:id="@+id/btnStart"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Start Progress"
        android:layout_marginTop="20dp"/>

</LinearLayout>

```

BACKEND

```

package com.example.registraionapp;

import android.os.*;
import android.view.View;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {
    protected void onCreate(Bundle b) {
        super.onCreate(b);
        setContentView(R.layout.activity_main);

        findViewById(R.id.btnStart).setOnClickListener(v -> {
            findViewById(R.id.progressBar).setVisibility(View.VISIBLE);
            new Handler().postDelayed(() ->
            findViewById(R.id.progressBar).setVisibility(View.GONE), 3000);
        });
    }
}

```

Scroll View

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Welcome to ScrollView Demo"
            android:textSize="24sp"
            android:textStyle="bold"
            android:paddingBottom="20dp"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Nam nec ante. Sed
lacinia, urna non tincidunt mattis, tortor neque adipiscing diam, a cursus ipsum ante
quis turpis. Nulla facilisi. Ut fringilla. Suspendisse potenti. Nunc feugiat mi a
tellus consequat imperdiet. Vestibulum sapien. Proin quam. Etiam ultrices. Suspendisse
in justo eu magna luctus suscipit."
            android:textSize="50sp"
            android:paddingBottom="10dp"/>

    </LinearLayout>
</ScrollView>

BACKEND
package com.example.registraionapp;

import android.os.Bundle;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {
    protected void onCreate(Bundle b) {
        super.onCreate(b);
        setContentView(R.layout.activity_main);
    }
}
```

INTENT

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical">
```

```

        <Button
            android:onClick="openSecondActivity"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Go to Second Activity"/>
    </LinearLayout>

```

```

BACKEND\
package com.example.registraionapp;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void openSecondActivity(View view) {
        startActivity(new Intent(this, SecondActivity.class));
    }
}

```

ACTIVITY_SECOND

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Second Activity"
        android:textSize="24sp"/>
</LinearLayout>

```

SECOND_ACTIVITY

```

package com.example.registraionapp;

import android.os.Bundle;
import androidx.appcompat.app.AppCompatActivity;

public class SecondActivity extends AppCompatActivity {
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second);
    }
}

```

ADD in MANIFEST.XML

```

<activity android:name=".SecondActivity"/>

```

