

CO-1

Experiment-1

Design a Login Form with username and password using LinearLayout and toast valid credentials

CODE

Activity_Main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    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">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
        <ImageView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:src="@mipmap/ic_launcher_round">

        </ImageView>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="50dp"
            android:text="Enter Email"
            android:textColor="@color/black"
            android:textStyle="bold"
            android:textSize="20dp"
            android:drawableLeft="@drawable/ic_baseline_email_24"
            android:drawableStart="@drawable/ic_baseline_email_24">

        </TextView>
        <EditText
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Enter valid email"
            android:id="@+id/etmail">

        </EditText>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="50dp"
            android:text="Enter Password"
            android:textColor="@color/black">
```

```

        android:textStyle="bold"
        android:textSize="20dp"
        android:drawableLeft="@drawable/ic_baseline_lock_24"
        android:drawableStart="@drawable/ic_baseline_lock_24">

</TextView>
<EditText
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter valid password"
    android:id="@+id/etpass">

</EditText>

<Button
    android:id="@+id/btlog"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:layout_marginTop="50dp"
    android:text="LOGIN">

</Button>

</LinearLayout>

</LinearLayout>

```

Activity_Main.java

```

package com.example.loginformwithtoast;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    private EditText email,password;
    private Button login;
    String mail,pwd;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        email=(EditText)findViewById(R.id.etmail);
        password=(EditText)findViewById(R.id.etpass);
        login=(Button)findViewById(R.id.btlog);
    }
}

```

```

login.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        mail=email.getText().toString();
        pwd=password.getText().toString();
        if (mail.equals("arathiparambil@gmail.com") && pwd.equals("arathi@123")){
            Toast.makeText(getApplicationContext(), "Login Success",
Toast.LENGTH_SHORT).show();
            startActivity(new Intent(MainActivity.this,MainActivity2.class));
        }
        else {
            Toast.makeText(MainActivity.this, "Login failed", Toast.LENGTH_SHORT).show();
        }
    }
});
}
}

```

OUTPUT

