

DAY-4

Name: Desai Sneha Sagarbhai

College: Government Engineering College, Modasa

LoginActivity.java

```
package com.example.sneha_task1;
import android.os.Bundle;
import androidx.appcompat.app.AppCompatActivity;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import java.util.regex.Pattern;

public class LoginActivity extends AppCompatActivity {
    EditText email, password;
    TextView createAccount;
    Button login;
    String emailpattern = "[a-zA-Z0-9._-]+@[a-z]+\\.\\.[a-z]+";
    String passwordpattern= "^(?=.*[0-9])(?=.*[a-z])(?=.*[A-Z])";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);
        getSupportActionBar().setTitle("login");
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
        email = findViewById(R.id.email);
        password = findViewById(R.id.password);
        login = findViewById(R.id.Login);
        createAccount = findViewById(R.id.text);

        createAccount.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                new CommonMethod(LoginActivity.this, signup.class);
            }
        });
        login.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                if (email.getText().toString().trim().equals("")) {
                    email.setError("Enter Email ID");
                    return;
                }

                if(TextUtils.isEmpty(password.getText().toString())){
                    password.setError("Incorrect password ");
                    return;
                }

                if(!Pattern.matches(emailpattern,email.getText().toString())){
                    email.setError("Incorrect Email ID");
                    return;
                }

                if (!Pattern.matches(passwordpattern,
password.getText().toString())) {

                    password.setError("Enter Valid Password");
                    return;
                }
            }
        });
    }
}
```

```

        }

        new CommonMethod(LoginActivity.this, HomeActivity.class);

    }

});

}
}

```

HomeActivity.java

```

package com.example.sneha_task1;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class HomeActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);
        getSupportActionBar().setTitle("HOME");
    }
}

```

CommonMethod.java

```
package com.example.sneha_task1;

import android.content.Context;
import android.content.Intent;
import android.view.View;
import android.widget.Toast;

import com.google.android.material.snackbar.Snackbar;

public class CommonMethod {
    public CommonMethod(Context context, String message){
        Toast.makeText(context, "message", Toast.LENGTH_SHORT).show();
    }
    public CommonMethod(View view, String message){
        Snackbar.make(view,message,Snackbar.LENGTH_LONG).show();
    }

    public CommonMethod(Context context, Class<?> nextclass){
        Intent intent =new Intent(context,nextclass);
        context.startActivity(intent);
    }
}
```

Activity_Home.xml

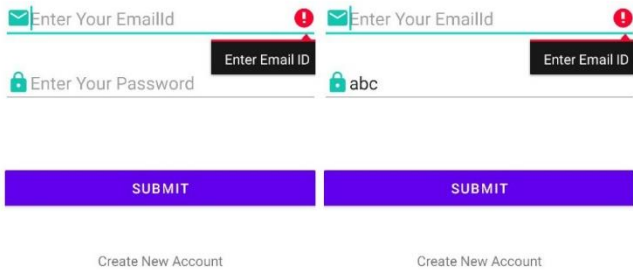
```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
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

</androidx.constraintlayout.widget.ConstraintLayout>
```



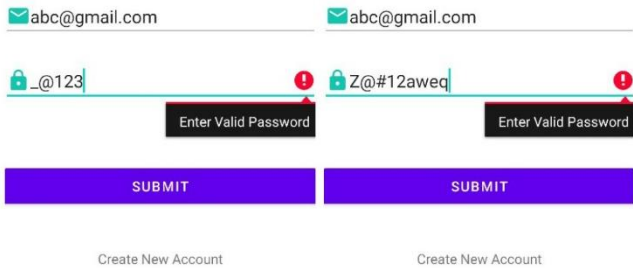
LOGIN

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