package com.example.data;  
  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
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 eName;  
 private EditText ePassword;  
 private Button eLogin;  
 private TextView eAttemptsInfo;  
  
 private String Username = "20x010";  
 private String password = "20x010";  
  
  
 boolean isValid = false;  
  
 private int counter = 2;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 eName = findViewById(R.id.*etname*);  
 ePassword = findViewById(R.id.*etpassword*);  
 eLogin = findViewById(R.id.*btnlogin*);  
  
  
 eLogin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 String inputName = eName.getText().toString();  
 String inputPassword = ePassword.getText().toString();  
  
 if(inputName.isEmpty() || inputPassword.isEmpty())  
 {  
 Toast.*makeText*(MainActivity.this,"please enter all the details correctly!", Toast.*LENGTH\_SHORT*).show();  
 }else{  
  
 isValid = validate(inputName, inputPassword);  
  
 if(!isValid){  
  
 counter--;  
  
 Toast.*makeText*(MainActivity.this,"Incorrect Credentials entered!", Toast.*LENGTH\_SHORT*).show();  
  
 eAttemptsInfo.setText("No.of.attempts remaining: "+ counter);  
  
 if(counter==0){  
 eLogin.setEnabled(false);  
 }  
 }else{  
  
 Toast.*makeText*(MainActivity.this,"Login successful!", Toast.*LENGTH\_SHORT*).show();  
  
   
 Intent intent = new Intent(MainActivity.this,HomepageActivity.class);  
 startActivity(intent);  
 }  
 }  
 }  
 });  
 }  
 private boolean validate(String name,String password){  
  
  
 if(name.equals(Username) && password.equals(password)){  
 return true;  
 }  
  
 return false;  
 }  
}



