**public class** UserRegistrationActivity **extends** AppCompatActivity {  
 DatabaseHelper **db**;  
 EditText **mEmailAddress**;  
 EditText **mUserName**;  
 EditText **mPhoneNumber**;  
 EditText **mPassword**;  
 EditText **mCnfPassword**;  
 Button **mCreateAccount**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_user\_registration***);  
  
 **db** = **new** DatabaseHelper(**this**);  
 **mEmailAddress** = (EditText) findViewById(R.id.***email\_address***);  
 **mUserName** = (EditText) findViewById(R.id.***username***);  
 **mPhoneNumber** = (EditText) findViewById(R.id.***phone\_number***);  
 **mPassword** = (EditText) findViewById(R.id.***password***);  
 **mCnfPassword** = (EditText) findViewById(R.id.***confirm\_password***);  
 **mCreateAccount** = (Button) findViewById(R.id.***create\_account***);  
 **mCreateAccount**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent LoginIntent = **new** Intent(UserRegistrationActivity.**this**,LoginActivity.**class**);  
 startActivity(LoginIntent);  
 }  
 });  
 **mCreateAccount**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String email = **mEmailAddress**.getText().toString().trim();  
 String username = **mUserName**.getText().toString().trim();  
 String phone = **mPhoneNumber**.getText().toString().trim();  
 String pwd = **mPassword**.getText().toString().trim();  
 String cnf\_pwd = **mCnfPassword**.getText().toString().trim();  
  
 **if** (pwd.equals(cnf\_pwd)){  
 **long** val = **db**.addUser(username,pwd);  
 **if** (val > 0){  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"User account created"**, Toast.***LENGTH\_SHORT***).show();  
 Intent moveToLogin = **new** Intent(UserRegistrationActivity.**this**,LoginActivity.**class**);  
 startActivity(moveToLogin);  
  
 }  
 **else** {  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"Registration Error"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"User account created"**, Toast.***LENGTH\_SHORT***).show();  
 Intent moveToLogin = **new** Intent(UserRegistrationActivity.**this**,LoginActivity.**class**);  
 startActivity(moveToLogin);  
 }  
 **else** {  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"Password is not matching"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
}

**package** com.example.thestoragespacefinder;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.support.design.widget.FloatingActionButton;  
**import** android.support.design.widget.Snackbar;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**public class** LoginActivity **extends** AppCompatActivity {  
 EditText **mUserName**;  
 EditText **mPassword**;  
 Button **mNext**;  
 TextView **mCreate**;  
  
 DatabaseHelper **db**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
 **db** = **new** DatabaseHelper(**this**);  
 **mUserName** = (EditText) findViewById(R.id.***username***);  
 **mPassword** = (EditText) findViewById(R.id.***password***);  
 **mNext** = (Button) findViewById(R.id.***next***);  
 **mCreate** = (TextView) findViewById(R.id.***create***);  
 **mCreate**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent createIntent = **new** Intent(LoginActivity.**this**,UserRegistrationActivity.**class**);  
 startActivity(createIntent);  
 }  
 });  
  
*// mCreate.setOnClickListener(new View.OnClickListener() {  
// @Override  
// public void onClick(View view) {  
// String user = mUsername.getText().toString().trim();  
// String pwd = mPassword.getText().toString().trim();  
// Boolean res = db.checkUser(user, pwd);  
//  
// if (res == true)  
// {  
// Toast.makeText(LoginActivity.this,"Successful Logged In", Toast.LENGTH\_SHORT).show();  
// }  
// else  
// {  
// Toast.makeText(LoginActivity.this,"Login Error", Toast.LENGTH\_SHORT).show();  
// }  
// }  
// });  
  
 /\* Toolbar toolbar = findViewById(R.id.toolbar);  
 setSupportActionBar(toolbar);  
  
 FloatingActionButton fab = findViewById(R.id.fab);  
 fab.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Snackbar.make(view, "Replace with your own action", Snackbar.LENGTH\_LONG)  
 .setAction("Action", null).show();  
 }  
 });\*/* }  
  
}

**package** com.example.thestoragespacefinder;  
  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.database.sqlite.SQLiteDatabase;  
**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** UserRegistrationActivity **extends** AppCompatActivity {  
  
  
 **private** Context **mContext**;  
  
 *//Databse fileds* **private** SQLiteDatabase **mDatabase**;  
 **private** DatabaseHelper **mDatabaseHelper**;  
 **private** String[] **mAllColumns** = {  
 DatabaseHelper.***COLUMN\_CUSTOMER\_ID***,  
 DatabaseHelper.***COLUMN\_CUSTOMER\_EMAIL***,  
 DatabaseHelper.***COLUMN\_CUSTOMER\_USERNAME***,  
 DatabaseHelper.***COLUMN\_CUSTOMER\_PHONE***,  
 DatabaseHelper.***COLUMN\_CUSTOMER\_PASSWORD***,  
 DatabaseHelper.***COLUMN\_CUSTOMER\_CONFIRM\_PASSWORD***,};  
  
 **public** UserRegistrationActivity(Context context){  
 **mDatabaseHelper** = **new** DatabaseHelper(context);  
 **this**.**mContext** = context;  
  
 *//open the database* **try**{  
 openContextMenu();  
 }  
 }  
  
 DatabaseHelper **db**;  
 EditText **mEmailAddress**;  
 EditText **mUserName**;  
 EditText **mPhoneNumber**;  
 EditText **mPassword**;  
 EditText **mCnfPassword**;  
 Button **mCreateAccount**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_user\_registration***);  
  
 **db** = **new** DatabaseHelper(**this**);  
 **mEmailAddress** = (EditText) findViewById(R.id.***email\_address***);  
 **mUserName** = (EditText) findViewById(R.id.***username***);  
 **mPhoneNumber** = (EditText) findViewById(R.id.***phone\_number***);  
 **mPassword** = (EditText) findViewById(R.id.***password***);  
 **mCnfPassword** = (EditText) findViewById(R.id.***confirm\_password***);  
 **mCreateAccount** = (Button) findViewById(R.id.***create\_account***);  
 **mCreateAccount**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent LoginIntent = **new** Intent(UserRegistrationActivity.**this**,LoginActivity.**class**);  
 startActivity(LoginIntent);  
 }  
 });  
 **mCreateAccount**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String email = **mEmailAddress**.getText().toString().trim();  
 String username = **mUserName**.getText().toString().trim();  
 String phone = **mPhoneNumber**.getText().toString().trim();  
 String pwd = **mPassword**.getText().toString().trim();  
 String cnf\_pwd = **mCnfPassword**.getText().toString().trim();  
  
 **if** (pwd.equals(cnf\_pwd)){  
 **long** val = **db**.addUser(username,pwd);  
 **if** (val > 0){  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"User account created"**, Toast.***LENGTH\_SHORT***).show();  
 Intent moveToLogin = **new** Intent(UserRegistrationActivity.**this**,LoginActivity.**class**);  
 startActivity(moveToLogin);  
  
 }  
 **else** {  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"Registration Error"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"User account created"**, Toast.***LENGTH\_SHORT***).show();  
 Intent moveToLogin = **new** Intent(UserRegistrationActivity.**this**,LoginActivity.**class**);  
 startActivity(moveToLogin);  
 }  
 **else** {  
 Toast.*makeText*(UserRegistrationActivity.**this**,**"Password is not matching"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
}