**// =====================================================**

1. **AndroidManifest.xml -> Add Internet Permission**

**<uses-permission android:name="android.permission.INTERNET" />**

1. **build.gradle(Module app) -> Add Vollery Lib.**

compile **'com.android.volley:volley:1.0.0'**

**// =====================================================**

**package** com.example.abdulhafeez.logintophp;  
**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.Toast;  
**import** com.android.volley.AuthFailureError;  
**import** com.android.volley.Request;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.VolleyError;  
**import** com.android.volley.toolbox.StringRequest;  
**import** com.android.volley.toolbox.Volley;  
**import** java.util.HashMap;  
**import** java.util.Map;  
  
**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener{  
  
 **public static final** String ***LOGIN\_URL*** = **"http://192.168.223.97/androidlogin/index.php"**;  
  
 **public static final** String ***KEY\_USERNAME***=**"username"**;  
 **public static final** String ***KEY\_PASSWORD***=**"password"**;  
  
 **private** EditText **editTextUsername**;  
 **private** EditText **editTextPassword**;  
 **private** Button **buttonLogin**;  
  
 **private** String **username**;  
 **private** String **password**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState)  
 {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **editTextUsername** = (EditText) findViewById(R.id.***editTextUsername***);  
 **editTextPassword** = (EditText) findViewById(R.id.***editTextPassword***);  
 **buttonLogin** = (Button) findViewById(R.id.***buttonLogin***);  
  
 **buttonLogin**.setOnClickListener(**this**);  
 }  
  
 @Override  
 **public void** onClick(View v) {  
 userLogin();  
 }  
  
 **private void** userLogin()  
 {  
 **username** = **editTextUsername**.getText().toString().trim();  
 **password** = **editTextPassword**.getText().toString().trim();  
  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***POST***, ***LOGIN\_URL***, **new** Response.Listener<String>()  
 {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.trim().equals(**"loginError"**)){ Toast.*makeText*(getApplicationContext(),response,Toast.***LENGTH\_LONG***).show(); }  
 **else**{ openProfile(); }  
 }  
  
 },**new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 Toast.*makeText*(getApplicationContext(),error.toString(),Toast.***LENGTH\_LONG*** ).show();  
 }  
 })  
 {  
 @Override  
 **protected** Map<String, String> getParams() **throws** AuthFailureError {  
 Map<String,String> map = **new** HashMap<String,String>();  
 map.put(***KEY\_USERNAME***,**username**);  
 map.put(***KEY\_PASSWORD***,**password**);  
 **return** map;  
 }  
 };  
  
 RequestQueue requestQueue = Volley.*newRequestQueue*(**this**);  
 requestQueue.add(stringRequest);  
 }  
  
 **private void** openProfile(){  
 Toast.*makeText*(getApplicationContext(),**username**.toString(),Toast.***LENGTH\_LONG*** ).show();  
*// Intent intent = new Intent(this, active.class);  
// intent.putExtra(KEY\_USERNAME, username);  
// startActivity(intent);* }  
}

<**LinearLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enter Username"** />  
  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/editTextUsername"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enter Password"** />  
  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/editTextPassword"** />  
  
 <**Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 android:id="@+id/buttonLogin"** />  
  
</**LinearLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.abdulhafeez.logintophp"**>  
  
 <**uses-permission android:name="android.permission.INTERNET"**></**uses-permission**> *<!-- Hafeez Code -->* <**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/AppTheme"**>  
 <**activity android:name=".MainActivity"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
 </**application**>  
  
</**manifest**>

apply **plugin**: **'com.android.application'**android {  
 compileSdkVersion 26  
 buildToolsVersion **"26.0.0"** defaultConfig {  
 applicationId **"com.example.abdulhafeez.logintophp"** minSdkVersion 21  
 targetSdkVersion 26  
 versionCode 1  
 versionName **"1.0"** testInstrumentationRunner **"android.support.test.runner.AndroidJUnitRunner"** }  
 buildTypes {  
 release {  
 minifyEnabled **false** proguardFiles getDefaultProguardFile(**'proguard-android.txt'**), **'proguard-rules.pro'** }  
 }  
}  
  
dependencies {  
 compile fileTree(**dir**: **'libs'**, **include**: [**'\*.jar'**])  
 androidTestCompile(**'com.android.support.test.espresso:espresso-core:2.2.2'**, {  
 exclude **group**: **'com.android.support'**, **module**: **'support-annotations'** })  
 compile **'com.android.support:appcompat-v7:26.+'** compile **'com.android.volley:volley:1.0.0'** *// Hafeez Code* compile **'com.android.support.constraint:constraint-layout:1.0.2'** testCompile **'junit:junit:4.12'**}