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Android PopupWindow Example

Here you will get Android PopupWindow example code.

Popup window is a floating view that is displayed on top of an activity. Android provides PopupWindow class for creating a popup window with custom design. Below I have shared code to create simple popup window in android with a text and button to close it.

Android PopupWindow Example

Create an android project with package name **com.popupwindow.** Add following code in respective files.

res/layout/activity_main.xml

```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="com.popupwindow.MainActivity"
    android:id="@+id/linearLayout1">

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
```

res/layout/popup.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical" android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:background="#000"
    android:padding="10px">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="This is a popup window.."
        android:textColor="#fff"/>

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Close"
        android:id="@+id/closePopupBtn"/>

</LinearLayout>
```

MainActivity.java

```java
package com.popupwindow;

import android.content.Context;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Gravity;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup.LayoutParams;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.PopupWindow;

public class MainActivity extends AppCompatActivity {
```

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```java
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        showPopupBtn = (Button) findViewById(R.id.showPopupBtn);
        linearLayout1 = (LinearLayout) findViewById(R.id.linearLayout1);

        showPopupBtn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                //instantiate the popup.xml layout file
                LayoutInflater layoutInflater = (LayoutInflater) MainActivity.this.getSystemService(Context.LAYOUT_INFLATER_SERVI
                View customView = layoutInflater.inflate(R.layout.popup,null);

                closePopupBtn = (Button) customView.findViewById(R.id.closePopupBtn);

                //instantiate popup window
                popupWindow = new PopupWindow(customView, LayoutParams.WRAP_CONTENT, LayoutParams.WRAP_CONTENT);

                //display the popup window
                popupWindow.showAtLocation(linearLayout1, Gravity.CENTER, 0, 0);

                //close the popup window on button click
                closePopupBtn.setOnClickListener(new View.OnClickListener() {
                    @Override
                    public void onClick(View v) {
                        popupWindow.dismiss();
                    }
                });

            }
        });
    }
}
```
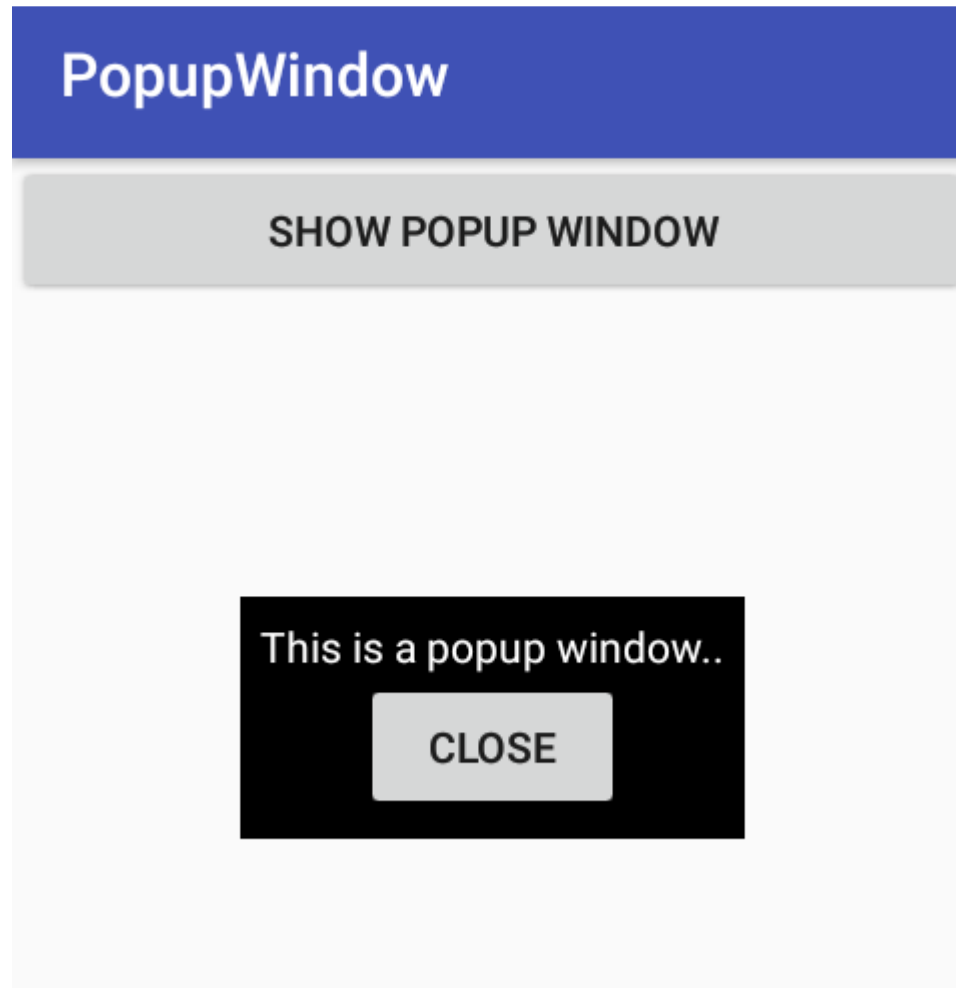
The code is self explanatory as I have added comments wherever required. Save and run the project.

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Comment below if you have any queries regarding above android popup window example.

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About Neeraj Mishra

A crazy computer and programming lover. He spend most of his time in programming, blogging and helping other programming geeks.

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Van Lee
July 31, 2017

This will come in handy some day. Bookmarked.