google_admob_implement Public

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Admob Implementation

How do you show ads in your app ? Here is the step by step guide

Configure your App In Four Step

Step 1 :

```
dependencies {
implementation 'com.google.android.gms:play-services-ads:23.3.0'
}
```

Step 2 :

```
<manifest>

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

    <application>

    </application>

</manifest>
```

Step 3 :

```
<manifest>
  <application>
    <!-- Sample AdMob app ID: ca-app-pub-3940256099942544~3347511713 -->
    <meta-data
        android:name="com.google.android.gms.ads.APPLICATION_ID"
        android:value="ca-app-pub-xxxxxxxxxxxxxxxx~yyyyyyyyyy"/>
  </application>
</manifest>
```

Step 4 (This Code Write After : [setContentView(R.layout.activity_main);]):

```
MobileAds.initialize(MainActivity.this, new OnInitializationCompleteListener() {
    @Override
    public void onInitializationComplete(@NonNull InitializationStatus initializationStatus) {

    }
});
AdRequest adRequest = new AdRequest.Builder().build();
```

Now Implementation Banner Ads :

XML Code :

```
<com.google.android.gms.ads.AdView
    xmlns:ads="http://schemas.android.com/apk/res-auto"
    android:id="@+id/adView"
```

Explain

```xml
                android:id="@+id/adView"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_centerHorizontal="true"
                android:layout_alignParentBottom="true"
                ads:adSize="BANNER"
                ads:adUnitId="ca-app-pub-3940256099942544/6300978111"
                android:layout_marginBottom="5dp"
                >
        </com.google.android.gms.ads.AdView>
```

In Java Code [Declaration Variable] :

```java
public class MainActivity extends AppCompatActivity {

    private AdView adView;

    @Override
    protected void onCreate(Bundle savedInstanceState){
        .
        .
    }
}
```

Java Code :

```java
        adView = findViewById(R.id.adView);

        // ======= Check that you wrote this code in step 4 Start Here =======
        MobileAds.initialize(MainActivity.this, new OnInitializationCompleteListener() {
            @Override
            public void onInitializationComplete(@NonNull InitializationStatus initializationStatus) {

            }
        });
        AdRequest adRequest = new AdRequest.Builder().build();
        // ======= Check that you wrote this code in step 4 End Here =======

        adView.loadAd(adRequest);
```

Now Implements Interstitial Ads Or Full Screen Ads

In Java Code [Declaration Variable] :

```java
public class MainActivity extends AppCompatActivity {

    private InterstitialAd mInterstitialAd;

    @Override
    protected void onCreate(Bundle savedInstanceState){
        .
        .
    }
}
```

Java Code [Step 1] [Looks like you did it in first step 4... Check]:

[মনে হয় আপনি এটি প্রথমের স্টেপ ৪ এ করেছেন... চেক করুন]:

```java
        // ======= Check that you wrote this code in step 4 Start Here =======

        MobileAds.initialize(MainActivity.this, new OnInitializationCompleteListener() {
            @Override
            public void onInitializationComplete(@NonNull InitializationStatus initializationStatus) {

            }
        });
        AdRequest adRequest = new AdRequest.Builder().build();

        // ======= Check that you wrote this code in step 4 End Here =======
```

Java Code [Step 2]:

```java
        InterstitialAd.load(this,"ca-app-pub-3940256099942544/1033173712", adRequest, new Inte
                @Override
                public void onAdLoaded(@NonNull InterstitialAd interstitialAd) {
                    mInterstitialAd = interstitialAd;
                }
                @Override
                public void onAdFailedToLoad(@NonNull LoadAdError loadAdError) {
```

```
                                    mInterstitialAd = null;
                            }
                    });
```

Java Code [Step 3] [Where you want to see this ads this code paste there]:

```
if (mInterstitialAd != null) {
    mInterstitialAd.show(MainActivity.this);
}
```

Now Implementation Rewarded Or Video Ads :

In Java Code [Declaration Variable] :

```
public class MainActivity extends AppCompatActivity {

    private RewardedAd rewardedAd;

    @Override
    protected void onCreate(Bundle savedInstanceState){
            .
            .
    }
}
```

Java Code [Step 1] [Looks like you did it in first step 4... Check]:

[মনে হয় আপনি এটি প্রথমের স্টেপ ৪ এ করেছেন... চেক করুন]:

```
// ======== Check that you wrote this code in step 4 Start Here =======

MobileAds.initialize(MainActivity.this, new OnInitializationCompleteListener() {
        @Override
        public void onInitializationComplete(@NonNull InitializationStatus initializationStatus) {


        }
});
AdRequest adRequest = new AdRequest.Builder().build();

// ======== Check that you wrote this code in step 4 End Here =======
```

Java Code [Step 2]:

```
RewardedAd.load(this, "ca-app-pub-3940256099942544/5224354917",
            adRequest, new RewardedAdLoadCallback() {
                @Override
                public void onAdLoaded(@NonNull RewardedAd ad) {
                    rewardedAd = ad;
                }
                @Override
                public void onAdFailedToLoad(@NonNull LoadAdError loadAdError) {
                    rewardedAd = null;
                }
        });
```
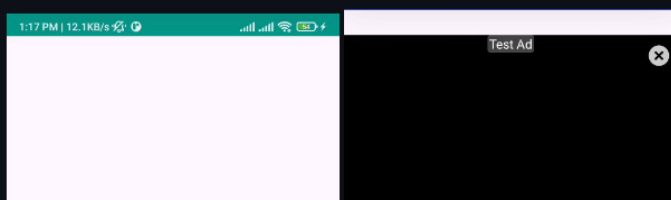
Java Code [Step 3] [Where you want to see this ads this code paste there]:
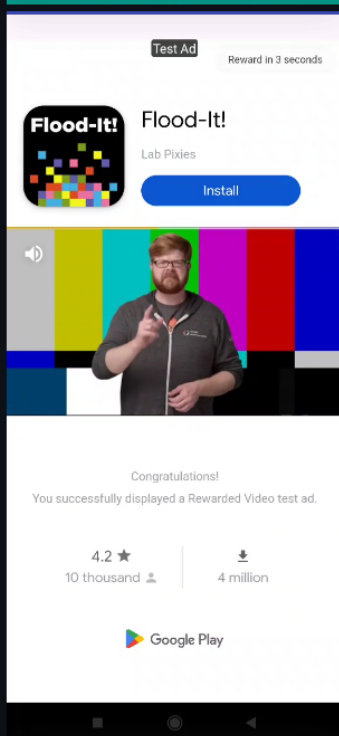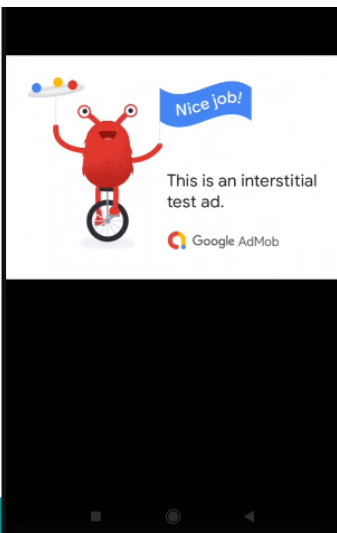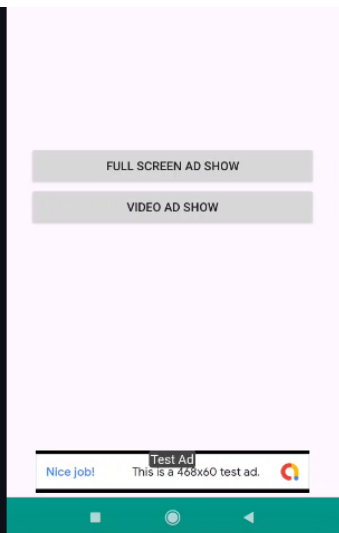
```
if (rewardedAd != null) {
    rewardedAd.show(MainActivity.this, new OnUserEarnedRewardListener() {
        @Override
        public void onUserEarnedReward(@NonNull RewardItem rewardItem) {
            int rewardAmount = rewardItem.getAmount();
            String rewardType = rewardItem.getType();
        }
    });
}
```

Screenshots

Google Admob Official Link

- [Google Admob](#)
- [Banner Ads](#)
- [Interstitial Ads](#)
- [Rewarded Ads](#)

Author

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