**Before you begin**

To prepare your app, complete the steps in the following sections.

**App prerequisites**

* Use Android Studio 3.2 or higher
* Make sure that your app's build file uses the following values:
  + A minSdkVersion of 16 or higher
  + A compileSdkVersion of 28 or higher

**Set up your app in your AdMob account**

Register your app as an AdMob app by completing the following steps:

1. [Sign in to](https://admob.google.com/home/) or [sign up for](https://support.google.com/admob/answer/7356219) an AdMob account.
2. [Register your app with AdMob](https://support.google.com/admob/answer/2773509). This step creates an AdMob app with a unique [AdMob App ID](https://support.google.com/admob/answer/7356431) that you'll need later in this guide.

compileSDKVersion 🡪 buil.gradle(Module: app) burdan kontrol edebilirsin.

Google AdMoba gidiyorsun ordan uygulamayı ekliyorsun.

Enable user metrics for app

Projeye git build.gradle(Project : App name) kısmında Google ekli olmalı aşağıdaki gibi olmalı

**Configure your app**

1. In your project-level build.gradle file, include [Google's Maven repository](https://maven.google.com/web/index.html) and [Maven central repository](https://search.maven.org/artifact) in both your buildscript and allprojects sections:

buildscript {  
    repositories {  
        google() // bu kısım ekli olmalı  
        mavenCentral()  
    }  
}  
  
allprojects {  
    repositories {  
        google() // bu kısım ekli olmalı  
        mavenCentral()  
    }  
}

build.gradle(modüle: app) kısmında

dependencies {

// dependency kısmında aşağıdaki satırı eklemelisin  
  implementation 'com.google.android.gms:play-services-ads:20.2.0'  
}

Manifest.xml dosyasına gel, metadata tagleri application tagının içine konulacak

<manifest>  
    <application>  
        <!-- Sample AdMob app ID: ca-app-pub-3940256099942544~3347511713 -->

**<meta-data  
            android:name="com.google.android.gms.ads.APPLICATION\_ID"  
            android:value="*application id ni buraya yaz*  "/>**

    </application>  
</manifest>

SONRA MAİNCLASS A GEL

import com.google.android.gms.ads.MobileAds;

import com.google.android.gms.ads.initialization.InitializationStatus;

import com.google.android.gms.ads.initialization.OnInitializationCompleteListener;

public class MainActivity extends AppCompatActivity {

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

**MobileAds.initialize(this, new OnInitializationCompleteListener() {**

**@Override**

**public void onInitializationComplete(InitializationStatus initializationStatus) {**

**}**

**});**

**//kalın olan yerler eklenecek**

}

}

ALLTAKI KOD PARÇASI DA UI DESİGN IN OLDUĞU XML DOSYASINDA YANİ main activity de

Textview kısmının altına koy

# main\_activity.xml  
...  
  <com.google.android.gms.ads.AdView  
      xmlns:ads="http://schemas.android.com/apk/res-auto"  
      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">  
  </com.google.android.gms.ads.AdView>  
...

Main activity e gel alttaki kısımda eksik kodları oraya yaz

package ...  
  
import ...  
import com.google.android.gms.ads.AdRequest;  
import com.google.android.gms.ads.AdView;  
  
public class MainActivity extends AppCompatActivity {  
    private AdView mAdView;  
  
    **protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity\_main);  
  
        MobileAds.initialize(this, new OnInitializationCompleteListener() {  
            @Override  
            public void onInitializationComplete(InitializationStatus initializationStatus) {  
            }  
        });  
  
        mAdView = findViewById(R.id.adView);  
        AdRequest adRequest = new AdRequest.Builder().build();  
        mAdView.loadAd(adRequest);  
    }**  
}

The table below lists the standard banner sizes.

|  |  |  |  |
| --- | --- | --- | --- |
| **Size in dp (WxH)** | **Description** | **Availability** | **AdSize constant** |
| 320x50 | Banner | Phones and Tablets | BANNER |
| 320x100 | Large Banner | Phones and Tablets | LARGE\_BANNER |
| 300x250 | IAB Medium Rectangle | Phones and Tablets | MEDIUM\_RECTANGLE |
| 468x60 | IAB Full-Size Banner | Tablets | FULL\_BANNER |
| 728x90 | IAB Leaderboard | Tablets | LEADERBOARD |
| *Provided width* x *Adaptive height* | [Adaptive banner](https://developers.google.com/admob/android/banner/adaptive) | Phones and Tablets | N/A |
| *Screen width* x 32|50|90 | [Smart banner](https://developers.google.com/admob/android/banner/smart) | Phones and Tablets | SMART\_BANNER |

En sağdaki adsize kısmındab reklamın boyutunu seçebilirsin, ui xml kısmında da oraya yazman gerekir

Banner size ı.

Interstitial reklamına tekra bak. Onun kodları değişmiş.

DOCUMENTATION LINKS:

<https://developers.google.com/admob/android/banner#banner_sizes>

<https://developers.google.com/admob/android/interstitial#java>

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