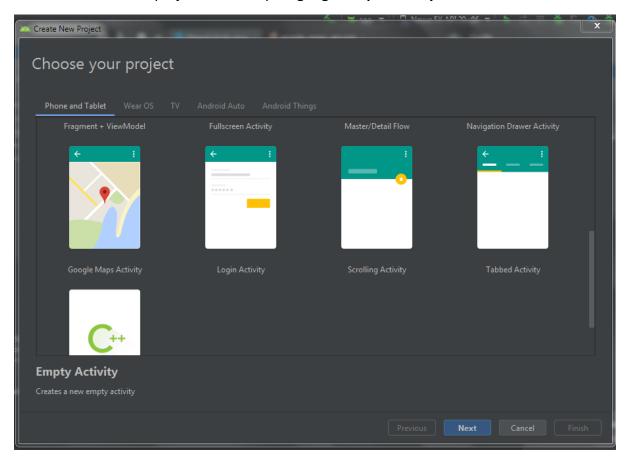
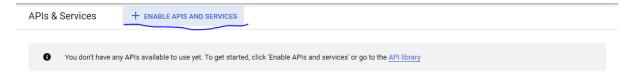
3SC6

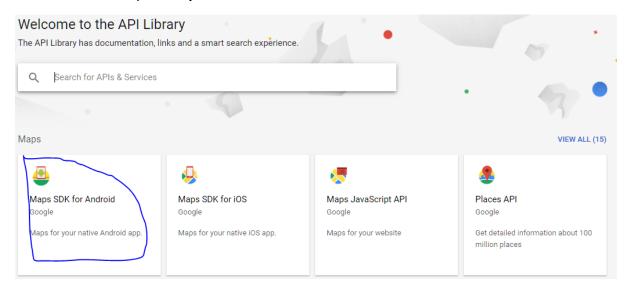
1. Pertama buat project baru lalu pilih google Maps Activity



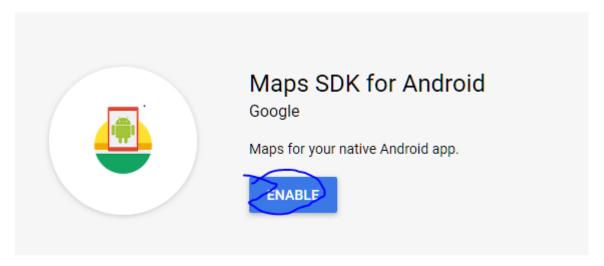
- 2. Setelah di buat project nya pertama kita harus ke <a href="https://console.developers.google.com">https://console.developers.google.com</a>. Untuk bisa mendapatkan Google Maps Keys nya
- 3. Setelah login klik ENABLE APIS AND SERVICES



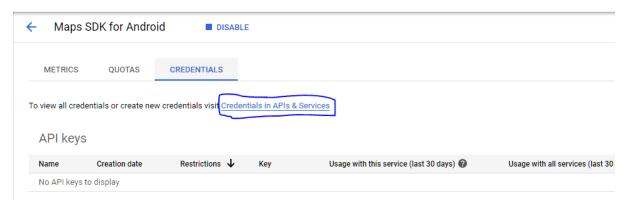
4. Setelah itu pilih maps sdk for android



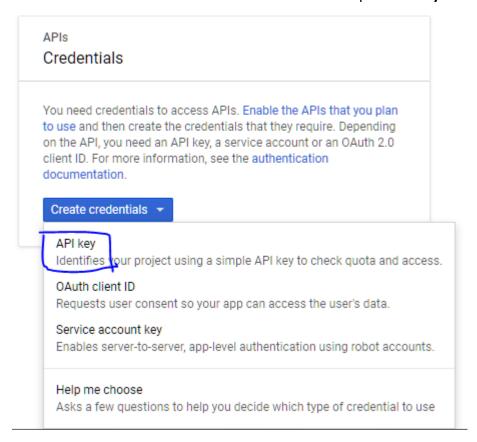
5. Setelah itu klik tombol enable nya



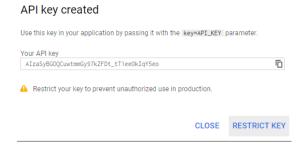
6. Setelah di tampilan baru pilih tab **Credentials** lalu klik link **Credentials in APIs &** services



## 7. Setelah itu klik tombol create credentials lalu pilih API key

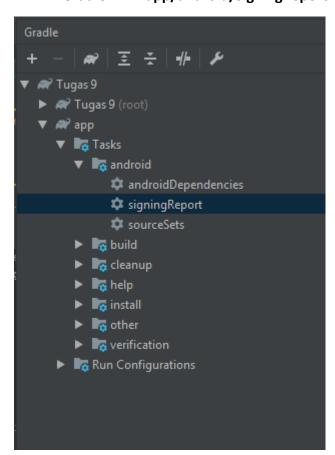


## 8. Setelah sudah berhasil membuat key klik restrict key



	elah itu cari <b>Application restrictions</b> pilih <b>Android apps</b> .
Name * — API key 1	
Key res	strictions
- 45	This key is unrestricted.Restrictions help prevent unauthorised use and quota theft. <u>Learn more</u> ☑
Applicat	tion restrictions
	tion restriction controls which websites, IP addresses or is can use your API key. You can set one application per key.
O None	
O HTTP r	referrers (websites)
O IP addr	resses (web servers, cron jobs, etc.)
Android	d apps
O iOS app	ps
10. Selar	njutnya pada kolom Restrict usage to your Android apps pilih ADD AN ITEM
Restrict usage	e to your Android apps
	une and SHA-1 signing-certificate fingerprint to Android apps
Add your package nar restrict usage to your	

11. Untuk mendapatkan SHA-1. Ke android studio lalu pilih View -> Tool Windows -> Gradle. Pilih app/android/signingReport

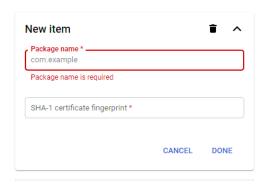


12. Lalu Copy yang bernama Sha 1 lalu paste ke yang tadi lalu masukkan package name nya sesuai nama project lalu klik done

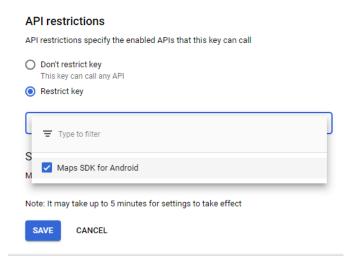


#### Restrict usage to your Android apps

Add your package name and SHA-1 signing-certificate fingerprint to restrict usage to your Android apps



13. Setelah itu Pada kolom **API restrictions** pilih **Restrict key** lalu centang **Maps SDK for Android**.



14. Setelah di save kembali ke android studionya dan buka **MapsActivity.java** lalu isikan seperti ini

```
mport androidx.fragment.app.FragmentActivity;
import com.google.android.gms.maps.OnMapReadyCallback;
import com.google.android.gms.maps.SupportMapFragment;
OnMapReadyCallback {
   protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
    public void onMapReady(GoogleMap googleMap) {
```

15. Lalu buka layout activity\_maps.xml lalu isikan seperti ini

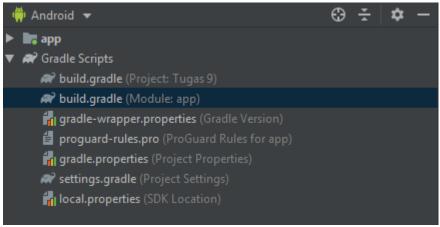
```
<?xml version="1.0" encoding="utf-8"?>
<fragment xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:map="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/map"
    android:name="com.google.android.gms.maps.SupportMapFragment"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MapsActivity" />
```

16. Lalu buka **google\_maps\_api.xml** lalu isikan seperti ini, dan jangan lupa menggantikan keynya(**AlzaSyCG8bf2ZbmX4jULt7ifCxq1iA\_j7MNwfU8**) dengan key yang dibuat tadi

```
<resources>
     <!-- Ganti dengan API Key masing-masing -->
     <string
        name="google_maps_key"
        templateMergeStrategy="preserve"
        translatable="false">AIzaSyCG8bf2ZbmX4jULt7ifCxqliA_j7MNwfU8
        </string>
</resources>
```

17. Setelah itu buka manifest nya lalu ganti jadi seperti ini :

### 18. Buka build.gradle(app) lalu ubah isinya jadi seperti ini



# 19. Lalu jalankan project nya

