```
samplemenu.xml
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   xmlns:app="http://schemas.android.com/apk/res-auto">
   <item android:id="@+id/item1"</pre>
       android:title="item1" />
   <item android:id="@id/item2"</pre>
       android:title="item2"
       app:showAsAction="ifRoom"/>
   <item android:id="@id/item3"</pre>
       android:title="item3">
   <menu>
       <item android:id="@+id/subitem1"</pre>
           android:title="sub1" />
       <item android:id="@+id/subitem2"</pre>
           android:title="sub2" />
   </menu>
   </item>
</menu>
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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=".MainActivity">
   <TextView
       android:layout width="wrap content"
       android:layout height="wrap content"
       android:text="Hello World!"
       app:layout constraintBottom toBottomOf="parent"
       app:layout constraintLeft toLeftOf="parent"
       app:layout constraintRight toRightOf="parent"
       app:layout constraintTop toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
package com.example.optionsmenu;
import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
   @Override
   protected void onCreate(Bundle savedInstanceState) {
       super.onCreate(savedInstanceState);
       setContentView(R.layout.activity main);
   }
   public boolean onCreateOptionsMenu(Menu menu) {
      MenuInflater inflater=getMenuInflater();
       inflater.inflate(R.menu.samplemenu,menu);
       return true;
   }
   @Override
   public boolean onOptionsItemSelected(@NonNull MenuItem item) {
       switch(item.getItemId())
           case R.id.item1:
               Intent i=new Intent(this, MainActivity2.class);
               startActivity(i);
               break;
           case R.id.item2:
Toast.makeText(getApplicationContext(),"item2",Toast.LENGTH SHORT).show();
               break:
           case R.id.subitem1:
Toast.makeText(getApplicationContext(), "subitem1", Toast.LENGTH SHORT).show();
```

Mainactivity1

```
break;
case R.id.subitem2:
```

```
}
return true;
}
```





