

### **XML 1**

```
<?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=".MainActivity">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="HOME"
        android:layout_gravity="center"
        android:textSize="50dp"
        android:gravity="center"/>

</LinearLayout>
```

### **MENU.XML**

```
<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto">

    <item android:id="@+id/item1"
        android:title="item1" />

    <item android:id="@+id/item2"
        android:title="item2"
        app:showAsAction="ifRoom"/>

    <item android:id="@+id/item3"
        android:title="settings"
        android:icon="@drawable/tools"
        app:showAsAction="ifRoom">

        <menu>

            <item android:id="@+id/subitem1"
```

```
    android:title="sub1"/>
    <item android:id="@+id/subitem2"
    android:title="sub2"/>
</menu>
</item>
</menu>
```

## **XML 2**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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=".MainActivity3">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:text="DEVIL'S WORLD"
        android:gravity="center"
        android:textSize="50dp"/>
</androidx.constraintlayout.widget.ConstraintLayout>
```

## **ActivityMain.Xml(Java) 1**

```
package com.example.optiommenuactivity;

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);

    }

    @Override

    public boolean onCreateOptionsMenu(Menu menu) {

        MenuInflater inflater = getMenuInflater();

        inflater.inflate(R.menu.menu, menu);

        return true;

    }

    @Override

    public boolean onOptionsItemSelected(@NonNull MenuItem item) {

        switch (item.getItemId()) {

            case R.id.item1:

                Intent i = new Intent(this, MainActivity3.class);

                startActivity(i);

                break;

            case R.id.item2:

                Toast.makeText(getApplicationContext(), "Item2", Toast.LENGTH_SHORT).show();

                break;

            case R.id.subitem1:

                Toast.makeText(getApplicationContext(), "HAZEL", Toast.LENGTH_SHORT).show();

                break;

            case R.id.subitem2:

                Toast.makeText(getApplicationContext(), "KRICHU", Toast.LENGTH_SHORT).show();

                break;

        }

    }

}
```

```
return true;
```

```
}
```

```
}
```

### **ActivityMain.Xml(Java) 2**

```
package com.example.optiommenuactivity;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.os.Bundle;
```

```
public class MainActivity3 extends AppCompatActivity {
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main2);
```

```
    }
```

```
}
```

