

## 11. Demonstration of options menu

### Source code:

#### MAINACTIVITY.JAVA

```
package com.example.optionsmenu;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.TextView;
import android.widget.Toast;
import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends AppCompatActivity {
    // TextView tvMsg;
    @Override
    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
// tvMsg= (TextView) findViewById(R.id.textView);
    }
    // Overriding onCreateOptionsMenu() to make Option menu
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
//Inflating menu by overriding inflate() method of MenuInflater class.
//Inflating here means parsing layout XML to views.
        getMenuInflater().inflate(R.menu.menucontext,menu);
        return true;
    }
//Overriding onOptionsItemSelected to perform event on menu items
    @Override
    public boolean onOptionsItemSelected(MenuItem menuItem) {

        Toast.makeText(this, "The MENU ITEM Selected : " +
            menuItem.getTitle(), Toast.LENGTH_LONG).show();
        switch (menuItem.getItemId()) {
            case R.id.search:
//Your code here
                return true;
            case R.id.find:
//Your code here
                return true;
            case R.id.edit:
//Your code here
```

```

        return true;
    case R.id.relocate:
//Your code here
        return true;
    case R.id.exit:
//Your code here
        return true;
    default:
        return super.onOptionsItemSelected(menuItem);
    }
}
}

```

## ACTIVITY MAIN.XML

```

<?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=".MainActivity">
</androidx.constraintlayout.widget.ConstraintLayout>

```

## MENUCONTEXT.XML

```

<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <item
        android:id="@+id/search"
        android:title="Search" />
    <item
        android:id="@+id/find"
        android:title="Find" />
    <item
        android:id="@+id/edit"
        android:title="Edit" />
    <item
        android:id="@+id/relocate"
        android:title="Relocate" />
    <item
        android:id="@+id/exit"
        android:title="Exit" /> </menu>

```

## OUTPUT

