

# Program 11. Demonstration of options menu

## MAINACTIVITY.JAVA

```
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

