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 onCreateoptionMenu() 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 (menultem.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</pre>
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
```

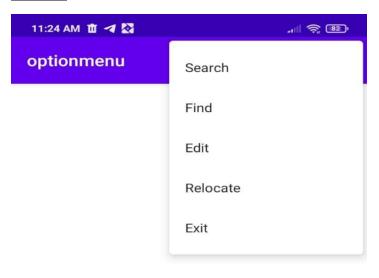
xmlns:tools="http://schemas.android.com/tools"

```
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
</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>
```

<u>Output</u>



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