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

```java
@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;
```

```java
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
<?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
<?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: