**Practical No.06**

**Aim :** Program to demonstrate the Menu Application.

**Performed By :**

**Class :** BCA-III SEM-V

**Date :** 28/09/2024

**Code:**

**Main\_Activity.java**

package com.example.myapplicationmenu;  
  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
import android.widget.Toast;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.Toolbar;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
  
 Toolbar toolbar = findViewById(R.id.toolbar);  
 setSupportActionBar(toolbar);  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.menu, menu);  
 return true;  
 }  
 public boolean onOptionsItemSelected(MenuItem item) {  
 int id = item.getItemId();  
  
 if (id == R.id.Math) {  
 Toast.makeText(this, "Math selected", Toast.LENGTH\_SHORT).show();  
 return true;  
 } else if (id == R.id.action\_settings) {  
 Toast.makeText(this, "Science selected", Toast.LENGTH\_SHORT).show();  
 return true;  
 } else if (id == R.id.action\_help) {  
 Toast.makeText(this, "Biology selected", Toast.LENGTH\_SHORT).show();  
 return true;  
 } else {  
 return super.onOptionsItemSelected(item);  
 }  
 }  
  
}

**activity\_main.xml**

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 app:popupTheme="@style/ThemeOverlay.AppCompat.Light" />  
  
 </RelativeLayout>

**menu\_xml**

<menu xmlns:android="http://schemas.android.com/apk/res/android">  
 <item  
 android:id="@+id/Math"  
 android:showAsAction="never"  
 android:title="Math" />  
 <item  
 android:id="@+id/action\_settings"  
 android:showAsAction="never"  
 android:title="Science" />  
 <item  
 android:id="@+id/action\_help"  
 android:showAsAction="never"  
 android:title="Biology" />  
 <item android:title="English" />  
</menu>

**Output:**



