Neeraj Appari S073

Practical No 4:

Aim: Create an android application for the following menu items, the appropriate toast should appear by clicking on the item:

• Settings

• Search

• Compose Email

• FeedBack (make Compose Email item disabled)

MainActivity XML:

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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:id="@+id/rel1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#A0C8CD"  
 tools:context=".MainActivity"**>  
  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="212dp"  
 android:layout\_height="81dp"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="98dp"  
 android:layout\_marginBottom="402dp"  
 android:background="#130000"  
 android:fontFamily="sans-serif-condensed-medium"  
 android:text="Neeraj Appari S073"  
 android:textColor="@color/white"  
 android:textSize="18sp"** />  
</**RelativeLayout**>

Menu:

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:android="http://schemas.android.com/apk/res/android"**>  
  
 <**item  
 android:id="@+id/Red1m"  
 android:title="Settings"** />  
 <**item  
 android:id="@+id/Purple2mm"  
 android:title="Search"** />  
 <**item  
 android:id="@+id/Teal3mmm"  
 android:title="Compose Email"** />  
 <**item  
 android:id="@+id/Gold4mmmm"  
 android:title="Feedback"** />  
</**menu**>

MainAcitivity Java:

**package com.example.menu\_items;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.graphics.Color;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
import android.widget.RelativeLayout;  
import android.widget.Toast;  
public class MainActivity extends AppCompatActivity {  
  
 RelativeLayout r1;  
 private MenuItem i1;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 r1 = findViewById(R.id.*rel1*);  
 *//t2 = findViewById(R.id.Teal3mmm);* }  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.*mymenu*, menu);  
 i1 = menu.getItem(2);  
 return true;  
 }  
 @Override  
 public boolean onOptionsItemSelected(@NonNull MenuItem item) {  
 *// Handle item selection* switch (item.getItemId()) {  
 case R.id.*Red1m*:  
 r1.setBackgroundColor(Color.*RED*);  
 Toast.*makeText*(getApplicationContext(), "Settings", Toast.*LENGTH\_LONG*).show();  
 return true;  
 case R.id.*Purple2mm*:  
 r1.setBackgroundColor(Color.*rgb*(27,0,27));  
 Toast.*makeText*(getApplicationContext(), "Search", Toast.*LENGTH\_LONG*).show();  
 return true;  
 case R.id.*Teal3mmm*:  
 r1.setBackgroundColor(Color.*rgb*(0,30,30));  
 Toast.*makeText*(getApplicationContext(), "Compose Email", Toast.*LENGTH\_LONG*).show();  
 return true;  
 case R.id.*Gold4mmmm*:  
 r1.setBackgroundColor(Color.*rgb*(44,32,3));  
 Toast.*makeText*(getApplicationContext(), "Feedback", Toast.*LENGTH\_LONG*).show();  
 i1.setEnabled(false);  
 return true;  
 default:  
 return super.onOptionsItemSelected(item);  
 }  
 }  
}**





