COURSE OUTCOME:3

PROGRAM:4

AIM: Implement Options Menu to navigate to activities

SOURCE CODE:

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">

<TextView

android:id="@+id/first\_text"

android:layout\_width="234dp"

android:layout\_height="83dp"

android:text="Welcome to this page,please click on appropriate options"

android:textAppearance="@style/TextAppearance.AppCompat.Large"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.209" />

</androidx.constraintlayout.widget.ConstraintLayout>

Menufile.xml:

<?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:title="Contact"

android:id="@+id/action\_contact"/>

<item

android:title="Settings"

android:id="@+id/action\_settings"/>

<item

android:title="Help"

android:id="@+id/action\_help"/>

<item

android:title="Share"

android:id="@+id/action\_share"

app:showAsAction="always"

android:icon="@drawable/ic\_baseline\_share\_24"/>

</menu>

Activity\_contact.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=".contact\_activity">

<TextView

android:id="@+id/cntct\_text"

android:layout\_width="198dp"

android:layout\_height="89dp"

android:text="Contact Page"

android:textAppearance="@style/TextAppearance.AppCompat.Large"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.132" />

</androidx.constraintlayout.widget.ConstraintLayout>

Activity\_help.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=".help\_activity">

<TextView

android:id="@+id/thirdtext"

android:layout\_width="203dp"

android:layout\_height="101dp"

android:text="Help Page"

android:textAppearance="@style/TextAppearance.AppCompat.Large"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.13" />

</androidx.constraintlayout.widget.ConstraintLayout>

Activity\_settings.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=".settings\_activity">

<TextView

android:id="@+id/settings\_text"

android:layout\_width="267dp"

android:layout\_height="124dp"

android:text="Settings Page"

android:textAppearance="@style/TextAppearance.AppCompat.Large"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.154" />

</androidx.constraintlayout.widget.ConstraintLayout>

Activity\_share.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=".share\_activity">

<TextView

android:id="@+id/fourtext"

android:layout\_width="255dp"

android:layout\_height="79dp"

android:text="Share page"

android:textAppearance="@style/TextAppearance.AppCompat.Large"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.153" />

</androidx.constraintlayout.widget.ConstraintLayout>

MainActitvity.java

package com.example.optionmenu;

import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

public class MainActivity extends AppCompatActivity

{

@Override

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

@Override

public boolean onCreateOptionsMenu(Menu menu)

{

MenuInflater i= getMenuInflater();

i.inflate(R.menu.menufile,menu);

return true;

// return super.onCreateOptionsMenu(menu);

}

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item)

{

int id=item.getItemId();

if(id==R.id.action\_contact)

{

Intent contactintent=new Intent(MainActivity.this,contact\_activity.class);

startActivity(contactintent);

}

if(id==R.id.action\_settings)

{

Intent settingsintent=new Intent(MainActivity.this,settings\_activity.class);

startActivity(settingsintent);

}

if (id==R.id.action\_help)

{

Intent helpintent=new Intent(MainActivity.this,help\_activity.class);

startActivity(helpintent);

}

if(id==R.id.action\_share)

{

Intent shareintent=new Intent(MainActivity.this,share\_activity.class);

startActivity(shareintent);

}

return super.onOptionsItemSelected(item);

}

}

Contact\_activity.java

package com.example.optionmenu;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class contact\_activity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_contact);

}

}

Help\_activity.java

package com.example.optionmenu;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class help\_activity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_help);

}

}

Settings\_activity.java

package com.example.optionmenu;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class settings\_activity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_settings);

}

}

Share\_activity.java

package com.example.optionmenu;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class share\_activity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_share);

}

}

OUTPUT:

   



