

Program no: 13

Aim: Implement Options Menu to navigate to activities

XML Code:

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
<item android:id="@+id/item1"

android:title="about"

android:icon="@drawable/download"/>

<item android:id="@+id/item2"

android:title="help"/>
</menu>
```

Activitymain.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:layout_width="wrap_content"

android:layout_height="wrap_content"

android:text="Hello World!"
```

```
        android:layout_height="wrap_content"

        android:text="Hello World!"

        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Java Code:

```
package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity; import
android.annotation.SuppressLint;
import android.os.Bundle; import
android.view.Menu; import
android.view.MenuItem; import
android.widget.Toast;

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) {

        getMenuInflater().inflate(R.menu.menuu, menu);

        return true;
    }
}
```

```
}  
  
@Override  
  
public boolean onOptionsItemSelected(MenuItem item){  
  
    switch (item.getItemId()){  
  
        case R.id.item1:  
  
            Toast.makeText(getApplicationContext(), "about",  
Toast.LENGTH_SHORT).show();  
  
            return true;  
  
        case R.id.item2:  
  
            Toast.makeText(getApplicationContext(), "help",  
Toast.LENGTH_SHORT).show();  
  
            return true;  
  
        default:  
  
            return super.onOptionsItemSelected(item);  
  
    }  
  
}  
  
}
```

Output:

My Application

about

help

Hello World!

