

Practical – 26 : Write a program to demonstrate use of Option Menu (With and Without Image Icon).

MainActivity.java

```
package com.example.optionmenu;

import androidx.appcompat.app.AppCompatActivity;

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_main1);
    }
    public boolean onCreateOptionsMenu(Menu menu)
    {
        getMenuInflater().inflate(R.menu.option_menu, menu);
        return true;
    }
    public boolean onOptionsItemSelected(MenuItem item)
    {
        switch (item.getItemId()) {
            case R.id.message:
                Toast
                    .makeText(
                        getApplicationContext(),
                        "Shows share icon",
                        Toast.LENGTH_SHORT)
                    .show();
                return true;

            case R.id.picture:
                Toast
                    .makeText(
                        getApplicationContext(),
                        "Shows image icon",
                        Toast.LENGTH_SHORT)
                    .show();

            case R.id.mode:
                Toast
                    .makeText(
                        getApplicationContext(),
                        "Shows call icon",
                        Toast.LENGTH_SHORT)
                    .show();
                return (true);

            case R.id.about:
                Toast
                    .makeText(
                        getApplicationContext(),
                        "calculator menu",
                        Toast.LENGTH_SHORT)
```

```

        .show();
        return (true);

        case R.id.exit:
            finish();
            return (true);
    }
    return (super.onOptionsItemSelected(item));
}
}

```

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

</androidx.constraintlayout.widget.ConstraintLayout>

```

option_menu.xml

```

<menu
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"
tools:context=".MainActivity">

    <item
        android:id="@+id/message"
        android:icon="@android:drawable/ic_menu_send"
        app:showAsAction="always"
        android:title="message"/>

    <item
        android:id="@+id/picture"
        android:icon="@android:drawable/ic_menu_gallery"
        app:showAsAction="always|withText"
        android:title="picture"/>

    <item
        android:id="@+id/mode"
        android:icon="@android:drawable/ic_menu_call"
        app:showAsAction="always"
        android:title="mode"/>

    <item
        android:id="@+id/about"
        android:icon="@android:drawable/ic_dialog_info"
        app:showAsAction="never|withText"
        android:title="calculator"/>

    <item
        android:id="@+id/exit"
        app:showAsAction="never"
        android:title="exit"/>

</menu>

```

output :

