

Develop an android mobile application to display menu

MainActivity.java

```
package com.indran.menu;
```

```
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
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)  
    {  
        MenuInflater menuInflater = getMenuInflater();  
        menuInflater.inflate(R.menu.menu, menu);  
        return true;  
    }
```

```
    @Override  
    public boolean onOptionsItemSelected(MenuItem item)  
    {  
  
        switch (item.getItemId())  
        {  
            case R.id.menu_bookmark:  
                // Single menu item is selected do something  
                // Ex: launching new activity/screen or show alert message  
                Toast.makeText(MainActivity.this, "Bookmark is Selected",  
Toast.LENGTH_SHORT).show();  
                return true;  
  
            case R.id.menu_save:  
                Toast.makeText(MainActivity.this, "Save is Selected", Toast.LENGTH_SHORT).show();  
                return true;
```

```

        case R.id.menu_search:
            Toast.makeText(MainActivity.this, "Search is Selected", Toast.LENGTH_SHORT).show();
            return true;

        case R.id.menu_share:
            Toast.makeText(MainActivity.this, "Share is Selected", Toast.LENGTH_SHORT).show();
            return true;

        case R.id.menu_delete:
            Toast.makeText(MainActivity.this, "Delete is Selected", Toast.LENGTH_SHORT).show();
            return true;

        case R.id.menu_preferences:
            Toast.makeText(MainActivity.this, "Preferences is Selected",
Toast.LENGTH_SHORT).show();
            return true;

        default:
            return super.onOptionsItemSelected(item);
    }
}

```

activity_main.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:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.indran.menu.MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:text="menu"
        android:textSize="20dp"/>
</RelativeLayout>

```

menu.xml

```

<?xml version="1.0" encoding="utf-8"?>

```

```

<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <!-- Single menu item
        Set id, icon and Title for each menu item
    -->
    <item android:id="@+id/menu_bookmark"
        android:icon="@drawable/ic_launcher_foreground"
        android:title="Bookmark" />

    <item android:id="@+id/menu_save"
        android:icon="@drawable/ic_launcher_foreground"
        android:title="Save" />

    <item android:id="@+id/menu_search"
        android:icon="@drawable/ic_launcher_background"
        android:title="Search" />

    <item android:id="@+id/menu_share"
        android:icon="@drawable/ic_launcher_background"
        android:title="Share" />

    <item android:id="@+id/menu_delete"
        android:title="Delete" />

    <item android:id="@+id/menu_preferences"
        android:title="Preferences" />
</menu>

```

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import android.view.Menu;
import android.view.MenuInflater;
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)
{
    MenuInflater menuInflater = getMenuInflater();
    menuInflater.inflate(R.menu.menu, menu);
    return true;
}

```

```

@Override
public boolean onOptionsItemSelected(MenuItem item)
{

```

```

    switch (item.getItemId())
    {
        case R.id.menu_bookmark:
            Toast.makeText(MainActivity.this, "Bookmark is Selected",
Toast.LENGTH_SHORT).show();
            return true;

```

```

        case R.id.menu_save:
            Toast.makeText(MainActivity.this, "Save is Selected", Toast.LENGTH_SHORT).show();
            return true;

```

```

        case R.id.menu_search:
            Toast.makeText(MainActivity.this, "Search is Selected", Toast.LENGTH_SHORT).show();
            return true;

```

```

        default:
            return super.onOptionsItemSelected(item);
    }
}

```

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    tools:context="com.indran.menu.MainActivity">

```

```

    <TextView
        android:text="menu" />
</RelativeLayout>

```

menu.xml

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
    <!-- Single menu item
        Set id, icon and Title for each menu item
    -->
    <item android:id="@+id/menu_bookmark"
        android:icon="@drawable/ic_launcher_foreground"
        android:title="Bookmark" />

    <item android:id="@+id/menu_save"
        android:icon="@drawable/ic_launcher_foreground"
        android:title="Save" />

    <item android:id="@+id/menu_search"
        android:icon="@drawable/ic_launcher_background"
        android:title="Search" />

</menu>
```

Menu

Bookmark

Save

Search

menu