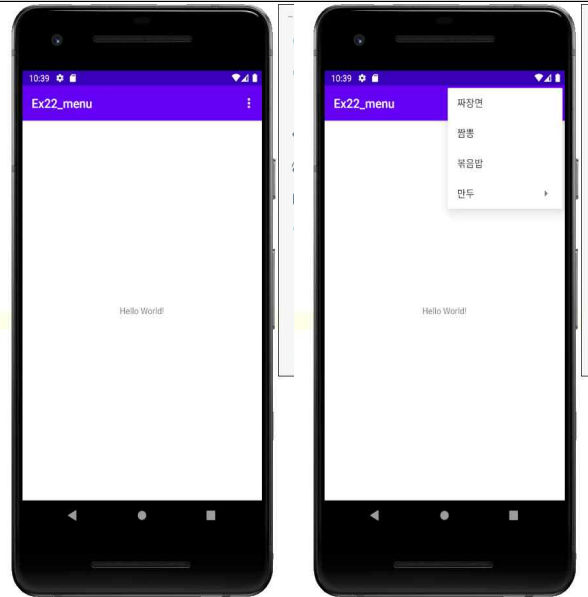


```

public class MainActivity extends AppCompatActivity {
    // 옵션 메뉴 : 주메뉴, 메뉴 버튼을 클릭하면 나오는 메뉴
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    // res-layout- activity_main.xml에는 아무것도 하지 않음
    // 옵션메뉴 만들기
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // groupid, itemid, order, title
        MenuItem item = menu.add(0,0,0,"짜장면");
        menu.add(0,1,0,"짬뽕");
        menu.add(0,2,0,"볶음밥");
        SubMenu sm = menu.addSubMenu("만두");
        sm.add(0,3,0,"물만두");
        sm.add(0,4,0,"군만두");
        return super.onCreateOptionsMenu(menu);
    }
    // 옵션메뉴 이벤트
    @Override
    public boolean onOptionsItemSelected(@NonNull MenuItem item) {
        // MenuItem item : 선택된 메뉴가 넘어온다.
        Toast.makeText(this, item.getTitle()+" 선택", Toast.LENGTH_SHORT).show();
        return super.onOptionsItemSelected(item);
    }
}

```

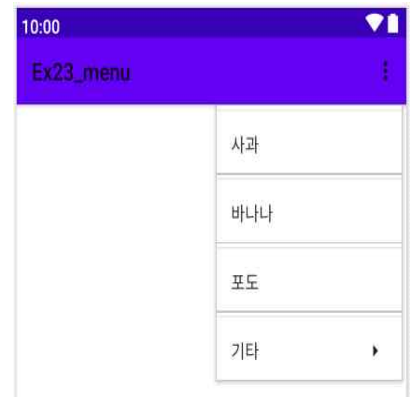


```

res
├── drawable
├── layout
│   └── activity_main.xml
├── menu
│   └── main_menu.xml
├── mipmap
└── values

<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
<item android:title="사과"
android:id="@+id/apple" />
<item android:title="바나나"
android:id="@+id/banana" />
<item android:title="포도"
android:id="@+id/grape" />
<item android:title="기타" >
<menu>
<item android:title="망고"
android:id="@+id/mango" />
<item android:title="두리안"
android:id="@+id/durio" />
</menu>
</item>
</menu>

```



```

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    // xml에서 메뉴를 만들어서 호출
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        getMenuInflater().inflate(R.menu.main_menu, menu);
        return super.onCreateOptionsMenu(menu);
    }

    // 메뉴이벤트
    @Override
    public boolean onOptionsItemSelected(@NonNull MenuItem item) {
        String msg = "";
        switch (item.getItemId()){
            case R.id.apple: msg = "사과"; break;
            case R.id.banana: msg = "바나나"; break;
            case R.id.grape: msg = "포도"; break;
            case R.id.mango: msg = "망고"; break;
            case R.id.durio: msg = "두리안"; break;
        }
        Toast.makeText(this, msg+" 선택", Toast.LENGTH_SHORT).show();
        return super.onOptionsItemSelected(item);
    }
}

```



