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<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="wrap_content"
    android:orientation="vertical"
    tools:context=".MainActivity" >

    <Button
        android:id="@+id/button1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="대화상자1" />

    <Button
        android:id="@+id/button2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="대화상자2" />

    <Button
        android:id="@+id/button3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="대화상자3" />

    <Button
        android:id="@+id/button4"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="대화상자4" />

    <Button
        android:id="@+id/button5"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="대화상자5" />

    <Button
        android:id="@+id/button6"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="대화상자6" />
</LinearLayout>
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public class MainActivity extends AppCompatActivity {
Button button1, button2, button3, button4, button5, button6;
// button30|| 사용할 메뉴 목록을 배열만든다.
String[] foods = {"치킨", "삼겹살", "곱창", "파전"};
boolean[] isFoods = {false, false, false, false};
ArrayList<String> k_foods = null;
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
button1 = findViewById(R.id.button1);
button2 = findViewById(R.id.button2);
button3 = findViewById(R.id.button3);
button4 = findViewById(R.id.button4);
button5 = findViewById(R.id.button5);
button6 = findViewById(R.id.button6);

button1.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
new AlertDialog.Builder(MainActivity.this)
.setTitle("대화상자1")
.setMessage("대화상자내용")
.setIcon(R.mipmap.ic_launcher)
.show();
});
button2.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
new AlertDialog.Builder(MainActivity.this)
.setTitle("프로그램종료")
.setMessage("정말종료할까요?")
.setIcon(R.mipmap.ic_launcher)
.setPositiveButton("확인", new DialogInterface.OnClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i) {
finish();
}
})
.setNegativeButton("취소", new DialogInterface.OnClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i) {
return;
}
})
.show();
});
button3.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
new AlertDialog.Builder(MainActivity.this)
.setTitle("메뉴선택하세요")
.setIcon(R.mipmap.ic_launcher)
.setItems(foods, new DialogInterface.OnClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i) {
// int i => 선택된 목록의 위치값(index)
String msg = foods[i];
Toast.makeText(MainActivity.this, msg+" 선택",
Toast.LENGTH_SHORT).show();
}
})
.show();
});
button4.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
new AlertDialog.Builder(MainActivity.this)
.setTitle("메뉴선택하세요")
.setIcon(R.mipmap.ic_launcher)
.setSingleChoiceItems(foods, 3, new DialogInterface.OnClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i) {
// int i => 선택된 목록의 위치값(index)
String msg = foods[i];
Toast.makeText(MainActivity.this, msg+" 선택",
Toast.LENGTH_SHORT).show();
}
})
.show();
});
}
);

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button5.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
new AlertDialog.Builder(MainActivity.this)
.setTitle("메뉴선택하세요")
.setIcon(R.mipmap.ic_launcher)
.setMultiChoiceItems(foods, isFoods, new
DialogInterface.OnMultiChoiceClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i,
boolean b) {
// int i(위치), boolean b(선택/해제)
if(b){
Toast.makeText(MainActivity.this, foods[i]+"선택",
Toast.LENGTH_SHORT).show();
}else{
Toast.makeText(MainActivity.this, foods[i]+"해제",
Toast.LENGTH_SHORT).show();
}
}
})
.show();
});

button6.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
// 브이얼로그 생성 메소드
showDialog();
});
}

private void showDialog(){
// 출력하는 배열 초기화
k_foods = new ArrayList<>();
AlertDialog.Builder builder = new AlertDialog.Builder(this);
builder.setTitle("대화상자6");
builder.setIcon(R.mipmap.ic_launcher);
builder.setMultiChoiceItems(foods, isFoods, new
DialogInterface.OnMultiChoiceClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i,
boolean b) {
if(b){
k_foods.add(foods[i]);
}else{
k_foods.remove(foods[i]);
}
// 체크박스 초기화
isFoods[i] = false;
}

});
builder.setPositiveButton("예", new
DialogInterface.OnClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i) {
// Toast.makeText(MainActivity.this, "예 버튼클릭",
Toast.LENGTH_SHORT).show();
String msg = "";
for (String k : k_foods){
msg += k+ " ";
}
Toast.makeText(MainActivity.this, msg,
Toast.LENGTH_SHORT).show();
}
});
builder.setNegativeButton("아니요", new
DialogInterface.OnClickListener() {
@Override
public void onClick(DialogInterface dialogInterface, int i) {
Toast.makeText(MainActivity.this, "아니요 버튼 클릭",
Toast.LENGTH_SHORT).show();
return ;
}
});
builder.show();
}
}

```

