

GitHub for project - <https://github.com/devFallingstar/MobileProgramming-For-Labs/tree/master/Lab4>

## Code for MainActivity.java

```
package com.fallingstar.lab4;

import android.app.Application;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.ContextMenu;
import android.view.Menu;
import android.view.View;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;

public class MainActivity extends AppCompatActivity {

    // Variables
    Button submitBtn;
    EditText nameTxt;
    RadioGroup sexRadGroup;
    RadioButton malRad, femRad;
    CheckBox smsChk, emailChk;

    /*
    name : onCreate
    purpose :
    1. Initialize first of view
    2. When submit button is pressed, initialize intent instance and put extras of each text fields
    */
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        submitBtn = (Button)findViewById(R.id.submitBtn);
        nameTxt = (EditText)findViewById(R.id.nameTxt);

        sexRadGroup = (RadioGroup)findViewById(R.id.sexRadGroup);
        malRad = (RadioButton)findViewById(R.id.malRad);
        femRad = (RadioButton)findViewById(R.id.femRad);

        smsChk = (CheckBox)findViewById(R.id.smsChk);
        emailChk = (CheckBox)findViewById(R.id.emailChk);

        submitBtn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
```

```

//Get Values from widgets
int radId = sexRadGroup.getCheckedRadioButtonId();
String nameStr = "";
String sexStr = "";
String sendMethod = "";
Intent intent = new Intent(getApplicationContext(), RegisterActivity.class);

nameStr = nameTxt.getText().toString();

if (radId == malRad.getId()){
    sexStr = "남자";
}else if (radId == femRad.getId()){
    sexStr = "여자";
}

if (smsChk.isChecked()){
    sendMethod += "SMS";
}
if (emailChk.isChecked()){
    sendMethod += " E-mail";
}

//Put Extras and start activity with intent
intent.putExtra("name", nameStr);
intent.putExtra("sex", sexStr);
intent.putExtra("sendMethod", sendMethod);

startActivity(intent);
}
});
}
}

```

## Code for RegisterActivity.java

```

package com.fallingstar.lab4;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

import org.w3c.dom.Text;

public class RegisterActivity extends AppCompatActivity {

    // Variables
    Intent myIntent;
    TextView nameTxt, sexTxt, sendMethodTxt;
    String nameStr, sexStr, sendMethodStr;
    Button backBtn;

    /*
    name : onCreate
    purpose :
    1. Get intent instance and extras.
    2. Set values of text fields with extra values with setValues()
    */
}

```

```

*/
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_register);

    //Get own intent instance
    myIntent = getIntent();

    nameStr = myIntent.getStringExtra("name");
    sexStr = myIntent.getStringExtra("sex");
    sendMethodStr = myIntent.getStringExtra("sendMethod");

    nameTxt = (TextView)findViewById(R.id.nameResult);
    sexTxt = (TextView)findViewById(R.id.sexResult);
    sendMethodTxt = (TextView)findViewById(R.id.sendMethodResult);

    //Dismiss current view(activity) when button clicked
    backBtn = (Button)findViewById(R.id.backBtn);
    backBtn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            finish();
        }
    });
    setValues();
}

/*
name : setValues()
purpose :
1. Set each value of text field with extras of intent
*/
private void setValues(){
    nameTxt.setText("성명   :"+nameStr);
    sexTxt.setText("성별   :"+sexStr);
    sendMethodTxt.setText("수신여부 :"+sendMethodStr);
}
}

```