

All controls

Activity-1

```
package com.example.mixapp;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Spinner;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    String hobby;
    Spinner spinner;
    String[] city = {"surat", "Gandhinagar", "vadodara"};

    EditText et_name, et_email;
    RadioGroup rdGender;
    CheckBox cb_photograpy, cb_painting, cb_gaming;
    Button btn_save, btn_clear;

    SharedPreferences sp;
    SharedPreferences.Editor editor;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        getSupportActionBar().hide();

        //binding with layout control
        spinner = findViewById(R.id.spinnerCity);
        et_name = findViewById(R.id.et_name);
        et_email = findViewById(R.id.et_email);
        rdGender = findViewById(R.id.rdGroupGender);
        cb_photograpy = findViewById(R.id.cbPhotograpy);
        cb_gaming = findViewById(R.id.cbGames);
        cb_painting = findViewById(R.id.cbPainting);

        btn_save = findViewById(R.id.btnSave);
        btn_clear = findViewById(R.id.btnClear);

        ArrayAdapter<String> adp = new ArrayAdapter<String>(MainActivity.this,
        android.R.layout.simple_spinner_item, city);
        adp.setDropDownViewResource(android.R.layout.simple_spinner_item);
        spinner.setAdapter(adp);

        btn_clear.setOnClickListener(new View.OnClickListener() {
```

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        @Override
        public void onClick(View view) {
            et_name.setText("");
            et_email.setText("");
            rdGender.clearCheck();
            cb_photograpy.setChecked(false);
            cb_gaming.setChecked(false);
            cb_painting.setChecked(false);
        }
    });

    btn_save.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            hobby = "";
            int selectedId = rdGender.getCheckedRadioButtonId();
            RadioButton rdbtn = findViewById(selectedId);

            if(cb_photograpy.isChecked()){
                hobby += cb_photograpy.getText().toString() + ", ";
            }
            if(cb_gaming.isChecked()){
                hobby += cb_gaming.getText().toString() + ", ";
            }
            if(cb_painting.isChecked()){
                hobby += cb_painting.getText().toString() + ", ";
            }

            sp = getSharedPreferences("Sp_data",MODE_PRIVATE);
            editor = sp.edit();
            editor.putString("keyname",et_name.getText().toString());
            editor.putString("keyemail",et_email.getText().toString());
            editor.putString("keyGender",rdbtn.getText().toString());
            editor.putString("keyHobby",hobby);
            editor.putString("keyCity",spinner.getSelectedItem().toString());
            editor.commit();
            Toast.makeText(MainActivity.this, "Data Saved", Toast.LENGTH_SHORT).show();

            Intent intent = new Intent(MainActivity.this,MainActivity2.class);
            startActivity(intent);

        }
    });
}
}

```

Activity-2

```
package com.example.mixapp;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.Spinner;
import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity {

    SharedPreferences sp2;
    SharedPreferences.Editor editor;
    TextView tv_name,tv_email,tv_gender,tv_city,tv_hobby;
    Spinner sp_stream;
    String[] stream = {"science","commerce"};

    Button btnNext,btnBack;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);

        tv_name = findViewById(R.id.tv_name);
        tv_email = findViewById(R.id.tv_email);
        tv_gender = findViewById(R.id.tv_gender);
        tv_city = findViewById(R.id.tv_city);
        tv_hobby = findViewById(R.id.tv_hobby);
        sp_stream = findViewById(R.id.sp_stream);
        btnNext = findViewById(R.id.btnnext);
        btnBack = findViewById(R.id.btnBack);

        ArrayAdapter<String> adp2 = new
        ArrayAdapter<String>(MainActivity2.this,android.R.layout.simple_spinner_item,stream);
        adp2.setDropDownViewResource(android.R.layout.simple_spinner_item);
        sp_stream.setAdapter(adp2);

        sp2 = getSharedPreferences("Sp_data",MODE_PRIVATE);
        editor = sp2.edit();

        if(sp2.contains("keyname")){
            tv_name.setText("Name: " + sp2.getString("keyname",null));
            tv_email.setText("Email: " + sp2.getString("keyemail",null));
            tv_gender.setText("Gender: "+ sp2.getString("keyGender",null));
            tv_city.setText("City: "+ sp2.getString("keyCity",null));
            tv_hobby.setText("Hobbys: " + sp2.getString("keyHobby",null));
        }

        btnNext.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                editor.putString("keyStream",sp_stream.getSelectedItem().toString());
                editor.commit();

                Intent intent2 = new Intent(MainActivity2.this,MainActivity3.class);
                intent2.putExtra("IntentKey","Ram Ram");
                startActivity(intent2);
            }
        });
    }
}
```

```
    }  
    });  
  
    btnBack.setOnClickListener(new View.OnClickListener() {  
        @Override  
        public void onClick(View view) {  
            Intent i1 = new Intent(MainActivity2.this, MainActivity.class);  
            startActivity(i1);  
        }  
    });  
}  
}
```

Activity-3

```
package com.example.mixapp;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity3 extends AppCompatActivity {

    SharedPreferences sp3;
    SharedPreferences.Editor editor;
    TextView tv_name,tv_email,tv_gender,tv_city,tv_hobby,tv_stream;
    Button btnBack,btnRemove;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main3);

        String intentmsg = getIntent().getStringExtra("IntentKey");
        Toast.makeText(this, intentmsg, Toast.LENGTH_SHORT).show();

        tv_name = findViewById(R.id.tv_name);
        tv_email = findViewById(R.id.tv_email);
        tv_gender = findViewById(R.id.tv_gender);
        tv_city = findViewById(R.id.tv_city);
        tv_hobby = findViewById(R.id.tv_hobby);
        tv_stream = findViewById(R.id.tv_stream);
        btnBack = findViewById(R.id.btnBack);
        btnRemove = findViewById(R.id.btnRemove);

        sp3 = getSharedPreferences("Sp_data",MODE_PRIVATE);
        editor = sp3.edit();

        if(sp3.contains("keyname")){
            tv_name.setText("Name: " + sp3.getString("keyname",null));
            tv_email.setText("Email: " + sp3.getString("keyemail",null));
            tv_gender.setText("Gender: "+ sp3.getString("keyGender",null));
            tv_city.setText("City: "+ sp3.getString("keyCity",null));
            tv_hobby.setText("Hobbys: " + sp3.getString("keyHobby",null));
            tv_hobby.setText("Steam: " + sp3.getString("keyStream",null));
        }

        btnRemove.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                editor.remove("keyname");
                editor.remove("keyemail");
                editor.remove("keyGender");
                editor.remove("keyCity");
                editor.remove("keyHobby");
                editor.remove("keyStream");
                editor.commit();
            }
        });

        btnBack.setOnClickListener(new View.OnClickListener() {
```

