CODE: activity.xml: <?xml version="1.0" encoding="utf-8"?> <ScrollView 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" tools:context=".MainActivity" android:layout width="match parent" android:layout height="wrap content" android:fillViewport="true" <RelativeLayout android:layout width="match parent" android:layout height="match parent" tools:context=".MainActivity"> <TextView android:id="@+id/tv1" android:layout width="match parent" android:layout height="wrap content" android:text="HOSPITAL REGISTRATION FORM" android:textColor="#214d90" android:textSize="36sp" android:textStyle="normal" android:gravity="center" android:typeface="serif" android:layout marginTop="10dp" android:layout marginLeft="10dp" android:layout marginRight="10dp" /> <TextView android:id="@+id/name tv" android:layout width="125dp" android:layout height="45dp" android:layout below="@+id/tv1" android:layout alignParentLeft="true" android:layout marginLeft="10dp" android:layout marginTop="10dp" android:text="Name" android:textColor="#005ae4"

<EditText

android:textSize="25sp"

android:typeface="serif" />

```
android:id="@+id/name et"
            android:layout width="wrap_content"
            android:layout height="45dp"
            android:layout below="@+id/tv1"
            android:layout alignParentRight="true"
            android:layout marginTop="10dp"
            android:layout marginRight="10dp"
            android:hint="Enter your name"
            android:inputType="text"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />
        <TextView
            android:id="@+id/address tv"
            android:layout width="125dp"
            android:layout height="45dp"
            android:layout below="@+id/name tv"
            android:layout alignParentLeft="true"
            android:layout marginLeft="10dp"
            android:layout marginTop="10dp"
            android:text="Address"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />
        <EditText
            android:id="@+id/address et"
            android:layout width="wrap content"
            android:layout height="45dp"
            android:layout below="@+id/name et"
            android:layout alignParentRight="true"
            android:layout marginTop="10dp"
            android:layout marginRight="10dp"
            android:hint="Enter your address"
android:inputType="textMultiLine|textPostalAddress"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />
        <TextView
            android:id="@+id/age tv"
            android:layout width="125dp"
            android:layout height="45dp"
            android:layout below="@+id/address tv"
            android:layout alignParentLeft="true"
            android:layout marginLeft="10dp"
            android:layout marginTop="10dp"
            android:text="Age"
```

```
android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<EditText
    android:id="@+id/age et"
    android:layout width="wrap content"
    android:layout height="45dp"
    android:layout below="@+id/address et"
    android:layout alignParentRight="true"
    android:layout marginTop="10dp"
    android:layout marginRight="10dp"
    android:hint="Enter your age"
    android:inputType="number"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<TextView
    android:id="@+id/dob tv"
    android:layout width="125dp"
    android:layout height="45dp"
    android:layout below="@+id/age tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="10dp"
    android:layout marginTop="10dp"
    android:text="DOB"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<DatePicker
    android:id="@+id/date dp"
    android:layout width="305dp"
    android:layout height="400dp"
    android:layout below="@+id/age et"
    android:layout alignParentRight="true"
    android:layout marginTop="15dp"
    android:layout marginRight="15dp"
    android:inputType="date" />
<TextView
    android:id="@+id/gender tv"
    android:layout width="125dp"
    android:layout height="45dp"
    android:layout below="@+id/dob tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="13dp"
    android:layout marginTop="367dp"
```

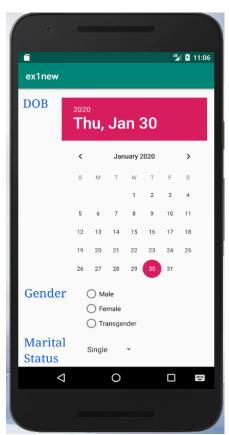
```
android:text="Gender"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
< Radio Group
    android:id="@+id/qd rq"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout below="@+id/date dp"
    android:layout toRightOf="@+id/gender tv"
    android:layout marginTop="10dp"
    android:layout marginRight="10dp"
    <RadioButton
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Male">
    </RadioButton>
    <RadioButton
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Female"
    </RadioButton>
    < Radio Button
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Transgender">
    </RadioButton>
</RadioGroup>
<TextView
    android:id="@+id/ms tv"
    android:layout width="125dp"
    android:layout height="wrap content"
    android:layout below="@+id/gender tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="12dp"
    android:layout marginTop="62dp"
    android:text="Marital Status"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<Spinner
    android:id="@+id/ms sp"
```

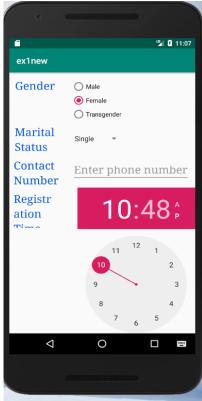
```
android:layout width="wrap content"
    android: layout height="wrap content"
    android:layout below="@id/gd rg"
    android:layout toRightOf="@+id/ms tv"
    android:layout marginTop="28dp"
    android:layout marginRight="147dp"
    android:entries="@array/marital">
</Spinner>
<TextView
    android:id="@+id/contact tv"
    android:layout width="125dp"
    android:layout height="wrap content"
    android:layout below="@+id/ms tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="10dp"
    android:layout marginTop="10dp"
    android:text="Contact Number"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<EditText
    android:id="@+id/contact et"
    android:layout width="wrap content"
    android:layout height="45dp"
    android:layout below="@+id/ms sp"
    android:layout alignParentRight="true"
    android:layout marginTop="42dp"
    android:layout marginRight="13dp"
    android:layout marginLeft="5dp"
    android:hint="Enter phone number"
    android:inputType="phone"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<TextView
    android:id="@+id/time tv"
    android:layout width="118dp"
    android:layout height="84dp"
    android:layout below="@+id/contact tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="10dp"
    android:layout marginTop="10dp"
    android:text="Registration Time"
    android:textColor="#005ae4"
    android:textSize="25sp"
```

```
android:typeface="serif" />
        <TimePicker
            android:id="@+id/time tp"
            android:layout width="260dp"
            android:layout height="337dp"
            android:layout below="@+id/contact et"
            android:layout alignParentRight="true"
            android:layout marginLeft="10dp"
            android:layout marginTop="15dp">
        </TimePicker>
    </RelativeLayout>
</ScrollView>
MainActivity.java:
package com.example.ex1new;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
    }
}
```

OUTPUT:







CODE:

activity.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
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"
    tools:context=".MainActivity"
    android:layout width="match parent"
    android:layout height="wrap content"
    android:fillViewport="true"
    >
    <RelativeLayout
        android:layout width="match parent"
        android: layout height="match parent"
        tools:context=".MainActivity">
        <TextView
            android:id="@+id/tv1"
            android:layout width="match parent"
            android:layout height="wrap content"
            android:text="HOSPITAL REGISTRATION FORM"
            android:textColor="#214d90"
            android:textSize="36sp"
            android:textStyle="normal"
            android:gravity="center"
            android:typeface="serif"
            android:layout marginTop="10dp"
            android:layout marginLeft="10dp"
            android:layout marginRight="10dp"
            />
        <TextView
            android:id="@+id/name tv"
            android:layout width="125dp"
            android:layout height="45dp"
            android:layout below="@+id/tv1"
            android:layout alignParentLeft="true"
            android:layout marginLeft="10dp"
            android:layout marginTop="10dp"
            android:text="Name"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />
        <EditText
```

```
android:id="@+id/name et"
    android:layout width="wrap content"
    android:layout height="45dp"
    android:layout below="@+id/tv1"
    android:layout alignParentRight="true"
    android:layout marginTop="10dp"
    android:layout marginRight="10dp"
    android:hint="Enter your name"
    android:inputType="text"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<TextView
    android:id="@+id/dob tv"
    android:layout width="125dp"
    android:layout height="45dp"
    android:layout below="@+id/name tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="10dp"
    android:layout marginTop="10dp"
    android:text="DOB"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<DatePicker</pre>
    android:id="@+id/date dp"
    android:layout width="305dp"
    android:layout height="400dp"
    android:layout below="@+id/name et"
    android:layout alignParentRight="true"
    android:layout marginTop="15dp"
    android:layout marginRight="15dp"
    android:inputType="date" />
<TextView
    android:id="@+id/gender tv"
    android:layout width="125dp"
    android:layout height="45dp"
    android:layout below="@+id/dob tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="13dp"
    android:layout marginTop="367dp"
    android:text="Gender"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
```

```
<RadioGroup
    android:id="@+id/gd rg"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout below="@+id/date dp"
    android:layout toRightOf="@+id/gender tv"
    android:layout marginTop="10dp"
    android:layout marginRight="10dp"
    <RadioButton
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Male">
    </RadioButton>
    <RadioButton
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Female"
    </RadioButton>
    < Radio Button
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Transgender">
    </RadioButton>
</RadioGroup>
<TextView
    android:id="@+id/ms tv"
    android:layout width="125dp"
    android:layout height="wrap content"
    android:layout below="@+id/gender tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="12dp"
    android:layout marginTop="62dp"
    android:text="Marital Status"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<Spinner
    android:id="@+id/ms sp"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout below="@id/gd rg"
    android:layout toRightOf="@+id/ms tv"
    android:layout marginTop="28dp"
```

```
android:layout marginRight="147dp"
    android:layout marginLeft="10dp"
    android:entries="@array/marital">
</Spinner>
<TextView
    android:id="@+id/contact tv"
    android:layout width="125dp"
    android:layout height="wrap content"
    android:layout below="@+id/ms tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="10dp"
    android:layout marginTop="10dp"
    android:text="Contact Number"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<EditText
    android:id="@+id/contact et"
    android: layout width="wrap content"
    android:layout height="45dp"
    android:layout below="@+id/ms sp"
    android:layout alignParentRight="true"
    android:layout marginTop="42dp"
    android:layout marginRight="13dp"
    android:hint="Enter phone number"
    android:inputType="phone"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<TextView
    android:id="@+id/addict tv"
    android:layout width="118dp"
    android:layout height="84dp"
    android:layout below="@+id/contact tv"
    android:layout alignParentLeft="true"
    android:layout marginLeft="10dp"
    android:layout marginTop="10dp"
    android:text="Addiction"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
<CheckBox
    android:id="@+id/smoke cb"
    android:layout width="wrap content"
```

```
android:layout height="wrap content"
   android:text="Smoking"
    android:layout below="@+id/contact et"
    android:layout toRightOf="@+id/addict tv"
    android:layout marginTop="10dp"
    android:layout marginRight="10dp"
    android:layout marginLeft="10dp"
<CheckBox
   android:id="@+id/alcohol cb"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:text="Alcohol"
    android:layout below="@+id/smoke cb"
    android:layout toRightOf="@+id/addict tv"
    android:layout marginTop="10dp"
    android:layout marginRight="10dp"
    android:layout marginLeft="10dp"
    />
<Button
    android:id="@+id/submit bt"
    android: layout width="wrap content"
    android: layout height="wrap content"
    android:layout below="@+id/alcohol cb"
   android:layout centerInParent="false"
    android:layout marginLeft="40dp"
    android:layout marginTop="13dp"
    android:layout marginBottom="10dp"
    android:text="SUBMIT"
    android:textColor="#005ae4"
    android:textSize="25sp"
   android:typeface="serif" />
<Button
    android:id="@+id/reset bt"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout below="@+id/alcohol cb"
    android:layout alignParentRight="true"
    android:layout marginTop="10dp"
    android:layout marginRight="40dp"
    android:layout marginBottom="10dp"
    android:text="RESET"
   android:textColor="#005ae4"
   android:textSize="25sp"
   android:typeface="serif"
    android:onClick="resetFields"/>
```

```
</RelativeLayout>
</ScrollView>
```

activity page2.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
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"
    tools:context=".MainActivity"
    android:layout width="match parent"
    android:layout_height="wrap_content"
    android:fillViewport="true"
    >
    <LinearLayout
        android:layout width="match parent"
        android:layout height="match parent"
        android:orientation="vertical"
        <TextView
            android:id="@+id/tv1"
            android:layout width="match parent"
            android:layout height="wrap content"
            android:text="HOSPITAL REGISTRATION FORM"
            android:textColor="#214d90"
            android:textSize="36sp"
            android:textStyle="normal"
            android:gravity="center"
            android:typeface="serif"
            android:layout marginTop="10dp"
            android:layout marginLeft="10dp"
            android:layout marginRight="10dp"
            />
        <TableLayout
            android:layout width="wrap content"
            android: layout height="wrap content"
            <TableRow>
                <TextView
                    android:layout width="wrap content"
                    android:layout height="wrap content"
                    android:text="Name"
```

```
android:textSize="30sp"
    <TextView
        android:id="@+id/name tb"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:textSize="30sp"
</TableRow>
<TableRow>
    <TextView
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="DOB"
        android:textSize="30sp"
        />
    <TextView
        android:id="@+id/dob tb"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:textSize="30sp"
</TableRow>
<TableRow>
    <TextView
        android:layout width="wrap content"
        android: layout height="wrap content"
        android:text="Gender"
        android:textSize="30sp"
        />
    <TextView
        android:id="@+id/gender tb"
        android:layout_width="wrap_content"
        android:layout height="wrap content"
        android:textSize="30sp"
        />
</TableRow>
<TableRow>
    <TextView
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Marital Status"
        android:textSize="30sp"
    <TextView
```

```
android:id="@+id/marital tb"
                    android:layout width="wrap content"
                    android:layout height="wrap content"
                    android:textSize="30sp"
            </TableRow>
            <TableRow>
                <TextView
                    android:layout width="wrap content"
                    android:layout height="wrap content"
                    android:text="Contact Number"
                    android:textSize="30sp"
                    />
                <TextView
                    android:id="@+id/contact tb"
                    android:layout width="wrap content"
                    android:layout height="wrap content"
                    android:textSize="30sp"
            </TableRow>
            <TableRow
                android:layout height="wrap content"
                <TextView
                    android:layout width="0dp"
                    android:layout weight="1"
                    android: layout height="match parent"
                    android:text="Addiction"
                    android:textSize="30sp"
                    />
                <TextView
                    android:id="@+id/addict tb"
                    android:layout_width="wrap_content"
                    android:layout height="match parent"
                    android:textSize="30sp"
                    />
            </TableRow>
        </TableLayout>
    </LinearLayout>
</ScrollView>
```

MainActvity.java:

```
package com.example.vaish.ex2new;
import android.support.v7.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Spinner;
import android.widget.Toast;
import java.util.Calendar;
public class MainActivity extends AppCompatActivity {
    Button submit, reset;
    EditText name, contact et;
    DatePicker dob;
    RadioGroup qd;
    Spinner ms sp;
    CheckBox smoke cb, alcohol cb;
    RadioButton check rb;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        submit = findViewById(R.id.submit bt);
        reset = findViewById(R.id.reset bt);
        name = findViewById(R.id.name et);
        dob = findViewById(R.id.date dp);
        gd = findViewById(R.id.gd rg);
        ms sp = (Spinner) findViewById(R.id.ms sp);
        contact et = findViewById(R.id.contact et);
        smoke cb = findViewById(R.id.smoke cb);
        alcohol cb = findViewById(R.id.alcohol cb);
        ArrayAdapter<CharSequence>
```

```
adapter.setDropDownViewResource(android.R.layout.simple spi
nner dropdown item);
        ms sp.setAdapter(adapter);
        submit.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent myIntent = new
Intent(getApplicationContext(), page2.class);
                String add="";
                String name field =
name.getText().toString();
                String
day=String.valueOf(dob.getDayOfMonth());
                String
month=String.valueOf(dob.getMonth()+1);
                String year=String.valueOf(dob.getYear());
                int selectedId =
gd.getCheckedRadioButtonId();
                //Log.d("radio","rad bt id:
"+selectedId);//i is 1,2,3 as it is not assigned
                check rb = (RadioButton)
findViewById(selectedId);
                String gender =
check rb.getText().toString(); //getTExt returns
CharSequence
                String
marital stat=ms sp.getSelectedItem().toString();
                //Log.d("sat", "sat string :
"+marital stat);
                //long spin id =ms sp.getSelectedItemId();
//id sarts with 0
                //Log.d("sat", "sat item id: "+spin id);
                //System.out.println("id:"+spin id);
                String contact =
contact et.getText().toString();
                if (smoke cb.isChecked())
                    add+="Smoking ";
                if(alcohol cb.isChecked())
                    add+="Alcohol";
```

```
Bundle b = new Bundle();
                b.putString("name", name field);
                b.putString("day", day);
                b.putString("month", month);
                b.putString("year", year);
                b.putString("gender", gender);
                b.putString("marital", marital_stat);
                b.putString("contact", contact);
                b.putString("addiction", add);
                myIntent.putExtras(b);
                startActivity(myIntent);
        });
    }
    public void resetFields(View v) {
        name.setText("");
        gd.clearCheck();
        ms sp.setSelection(0);
        contact et.setText("");
        smoke cb.setChecked(false);
        alcohol cb.setChecked(false);
        Calendar c = Calendar.getInstance();
        int year = c.get(Calendar.YEAR);
        int month = c.get(Calendar.MONTH);
        int day = c.get(Calendar.DAY OF MONTH);
        dob.init(year, month, day, null);
    }
page2.java:
package com.example.vaish.ex2new;
import android.support.v7.app.AppCompatActivity;
import java.text.SimpleDateFormat;
import java.util.Date;
import android.os.Bundle;
import android.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;
public class page2 extends AppCompatActivity {
    TextView name, dob, gender, marital, contact, addict;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
```

```
super.onCreate(savedInstanceState);
        setContentView(R.layout.activity page2);
        name = findViewById(R.id.name tb);
        dob = findViewById(R.id.dob tb);
        gender = findViewById(R.id.gender tb);
        marital = findViewById(R.id.marital tb);
        contact = findViewById(R.id.contact tb);
        addict = findViewById(R.id.addict tb);
        Bundle extras = getIntent().getExtras();
        if(extras == null) {
            //set all string to null
        } else {
            name.setText( extras.getString("name"));
            gender.setText( extras.getString("gender"));
            marital.setText( extras.getString("marital"));
            contact.setText( extras.getString("contact"));
            addict.setText( extras.getString("addiction"));
            String date=extras.getString("day")+"-
"+extras.getString("month")+"-"+extras.getString("year");
            dob.setText(date);
        }
    }
}
```

OUTPUT:



