

Step -1:

- ❖ Create a New Project.

Step- 2:

- ❖ Copy and paste the image in drawable folder



Step -3:

- ❖ Write the code in **activity_main.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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="match_parent"
    android:background="#B2FD04"
    tools:context=".MainActivity">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:layout_marginBottom="30dp"
        android:layout_marginEnd="20dp"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="20dp"
        android:layout_marginStart="20dp"
        android:layout_marginTop="20dp"
        app:layout_constraintBottom_toTopOf="@+id/scrollView"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toEndOf="@+id/editTextTextPersonName"
        app:layout_constraintTop_toTopOf="parent"
        app:srcCompat="@drawable/icon" />
```

```

<ScrollView
    android:id="@+id/scrollview"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_marginEnd="2dp"
    android:layout_marginLeft="2dp"
    android:layout_marginRight="2dp"
    android:layout_marginStart="2dp"
    android:layout_marginTop="150dp"
    app:layout_constraintEnd_toEndOf="@+id/imageView"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent">

    <LinearLayout
        android:id="@+id/linearlayout"
        android:layout_width="match_parent"
        android:layout_height="fill_parent"
        android:orientation="vertical">
        <EditText
            android:id="@+id/editTextTextPersonName"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:layout_marginEnd="20dp"
            android:layout_marginLeft="20dp"
            android:layout_marginRight="20dp"
            android:layout_marginStart="20dp"
            android:layout_marginTop="130dp"
            android:ems="10"
            android:inputType="textPersonName"
            android:hint="Enter User Name"
            android:textSize="40dp"
            android:gravity="center"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent" />

        <EditText
            android:id="@+id/editTextTextPassword"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:layout_marginEnd="20dp"
            android:layout_marginLeft="20dp"
            android:layout_marginRight="20dp"
            android:layout_marginStart="20dp"
            android:layout_marginTop="20dp"
            android:ems="10"
            android:hint="Enter Password"
            android:textSize="40dp"
            android:gravity="center"
            android:inputType="textPassword"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/editTextTextPersonName" />

```

```

<EditText
    android:id="@+id/editTextTextPostalAddress"
    android:layout_width="match_parent"
    android:layout_height="60dp"
    android:layout_marginEnd="20dp"
    android:layout_marginLeft="20dp"
    android:layout_marginRight="20dp"
    android:layout_marginStart="20dp"
    android:layout_marginTop="20dp"
    android:ems="10"
    android:hint="Enter Address"
    android:textSize="40dp"
    android:gravity="center"
    android:inputType="textPostalAddress"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/editTextTextPassword" />

<EditText
    android:id="@+id/editTextPhone"
    android:layout_width="match_parent"
    android:layout_height="60dp"
    android:layout_marginEnd="20dp"
    android:layout_marginLeft="20dp"
    android:layout_marginRight="20dp"
    android:layout_marginStart="20dp"
    android:layout_marginTop="20dp"
    android:ems="10"
    android:hint="Enter Age"
    android:textSize="40dp"
    android:gravity="center"
    android:inputType="phone"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/Rgroup" />

<RadioGroup
    android:id="@+id/Rgroup"
    android:layout_width="match_parent"
    android:layout_height="100dp"
    android:layout_marginEnd="20dp"
    android:layout_marginLeft="20dp"
    android:layout_marginRight="20dp"
    android:layout_marginStart="20dp"
    android:layout_marginTop="40dp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/editTextTextPostalAddress">

```

```

        <RadioButton
            android:id="@+id/male"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:text="Male"
            android:checked="true"/>

        <RadioButton
            android:id="@+id/female"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:text="FeMale" />
    </RadioGroup>
    <Button
        android:id="@+id/dp"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="Date Picker"/>
        <Button
            android:id="@+id/submit"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:text="submit"/>

    <TextView
        android:id="@+id/t1"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="No Data"/>
    <TextView
        android:id="@+id/t2"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="No Data"/>
    <TextView
        android:id="@+id/t3"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="No Data"/>
    <TextView
        android:id="@+id/t4"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="No Data"/>
    <TextView
        android:id="@+id/t5"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="No Data"/>
    <TextView
        android:id="@+id/t6"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:text="No Data"/>
</LinearLayout>

```

```
</ScrollView>
</androidx.constraintlayout.widget.ConstraintLayout>
```

❖ Write the code in **MainActivity.java**

❖ `import` androidx.appcompat.app.AppCompatActivity;
`import` java.text.DateFormat;

```
import android.app.DatePickerDialog;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.TextView;
import java.util.Calendar;
import android.app.DatePickerDialog;
import android.widget.Toast;
```

```
public class MainActivity extends AppCompatActivity implements
View.OnClickListener{
    DateFormat formats=DateFormat.getDateInstance();
    Calendar calendar=Calendar.getInstance();
    EditText uname,password,address,age;
    TextView t1,t2,t3,t4,t5,t6;
    Button DateOfBirth,submit;
    RadioGroup Rgroup;
    RadioButton radioGender;
```

`@Override`

```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    uname=findViewById(R.id.editTextTextPersonName);
    password=findViewById(R.id.editTextTextPassword);
    address=findViewById(R.id.editTextTextPostalAddress);
    age=findViewById(R.id.editTextPhone);
    Rgroup=findViewById(R.id.Rgroup);
    int selectedId = Rgroup.getCheckedRadioButtonId();

    // find the radiobutton by returned id
    radioGender = (RadioButton) findViewById(selectedId);
    DateOfBirth=findViewById(R.id.dp);
    DateOfBirth.setOnClickListener(this);
    updateDate();
```

```
t1=findViewById(R.id.t1);
t2=findViewById(R.id.t2);
t3=findViewById(R.id.t3);
t4=findViewById(R.id.t4);
t5=findViewById(R.id.t5);
t6=findViewById(R.id.t6);
```

```

        submit=findViewById(R.id.submit);
        submit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if(t1.getText().toString().equals(""))
                {
                    Toast.makeText(MainActivity.this,"Please Enter the
UserName",Toast.LENGTH_LONG).show();
                    return;
                }
                t1.setText(uname.getText().toString());
                t2.setText(password.getText().toString());
                t3.setText(address.getText().toString());
                t4.setText(age.getText().toString());
                t5.setText(DateOfBirth.getText().toString());
                t6.setText(radioGender.getText().toString());
            }
        });
    }

    public void updateDate(){
        DateOfBirth.setText(formats.format(calendar.getTime()));
    }
    public void setDate(){
        new
DatePickerDialog(MainActivity.this,d,calendar.get(Calendar.YEAR),calendar.get(
Calendar.MONTH),calendar.get(Calendar.DAY_OF_MONTH)).show();

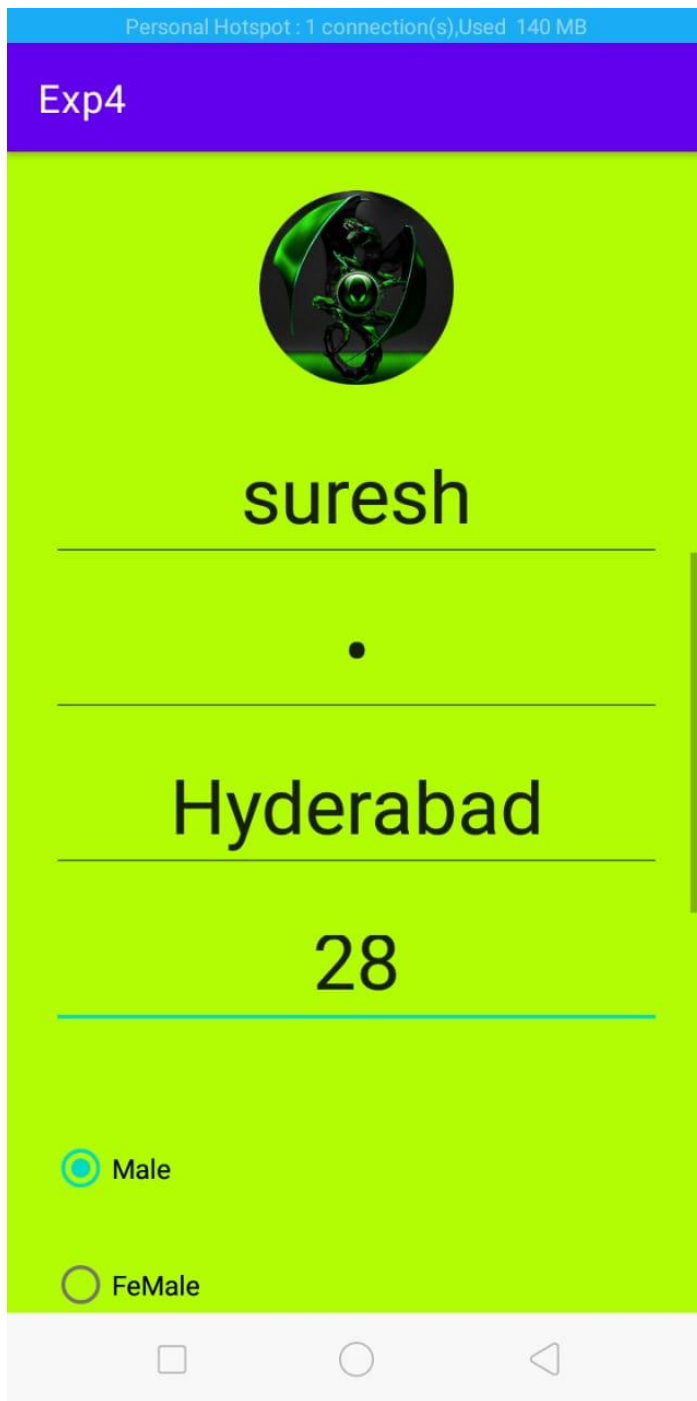
    }
    DatePickerDialog.OnDateSetListener d=new
DatePickerDialog.OnDateSetListener() {

        @Override
        public void onDateSet(DatePicker view, int year, int monthOfYear,
                                int dayOfMonth) {
            calendar.set(Calendar.YEAR,year);
            calendar.set(Calendar.MONTH,monthOfYear);
            calendar.set(Calendar.DAY_OF_MONTH,dayOfMonth);
            updateDate();
        }
    };
    public void onClick(View v)
    {
        setDate();
    }

}

```

Output Screens:



Exp4



17 FEB 1992

SUBMIT

suresh

s

Hyderabad

28

17 Feb 1992

Male