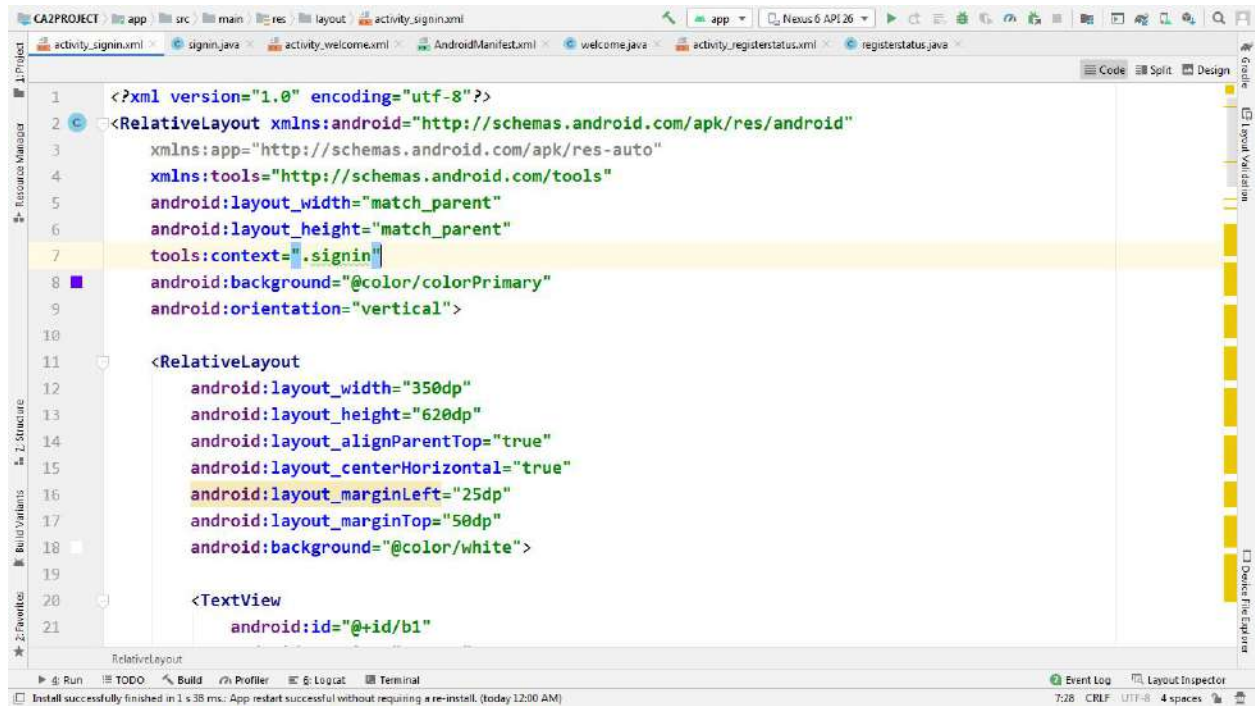


NAME-NEHA ARORA , REG NO-11811816 , SECTION -KOM54, ROLL NO-36

COURSE CODE-CSE224 SET - EVEN(1)

XML FILE: Activity 1:singnin



```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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"
    tools:context=".signin"
    android:background="@color/colorPrimary"
    android:orientation="vertical">

    <RelativeLayout
        android:layout_width="350dp"
        android:layout_height="620dp"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginLeft="25dp"
        android:layout_marginTop="50dp"
        android:background="@color/white">

        <TextView
            android:id="@+id/b1"
```

The screenshot shows the Android Studio IDE with the XML file for Activity 1: singnin. The file is activity_signin.xml and it contains a RelativeLayout with a TextView. The XML code is as follows:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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"
    tools:context=".signin"
    android:background="@color/colorPrimary"
    android:orientation="vertical">

    <RelativeLayout
        android:layout_width="350dp"
        android:layout_height="620dp"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginLeft="25dp"
        android:layout_marginTop="50dp"
        android:background="@color/white">

        <TextView
            android:id="@+id/b1"
```

```
21         android:id="@+id/b1"
22         android:gravity="center"
23         android:layout_width="wrap_content"
24         android:layout_height="60dp"
25         android:layout_marginLeft="100dp"
26         android:layout_marginTop="20dp"
27         android:text="LOGIN"
28         android:textSize="50sp"
29         android:textStyle="bold"/>
30
31     <TextView
32         android:id="@+id/b2"
33         android:layout_width="wrap_content"
34         android:layout_height="wrap_content"
35         android:layout_below="@+id/b1"
36         android:layout_marginLeft="30dp"
37         android:layout_marginTop="20dp"
38         android:text="Please fill in this form to create an account!"/></TextView>
39
40     <EditText
41         android:id="@+id/b3"
```

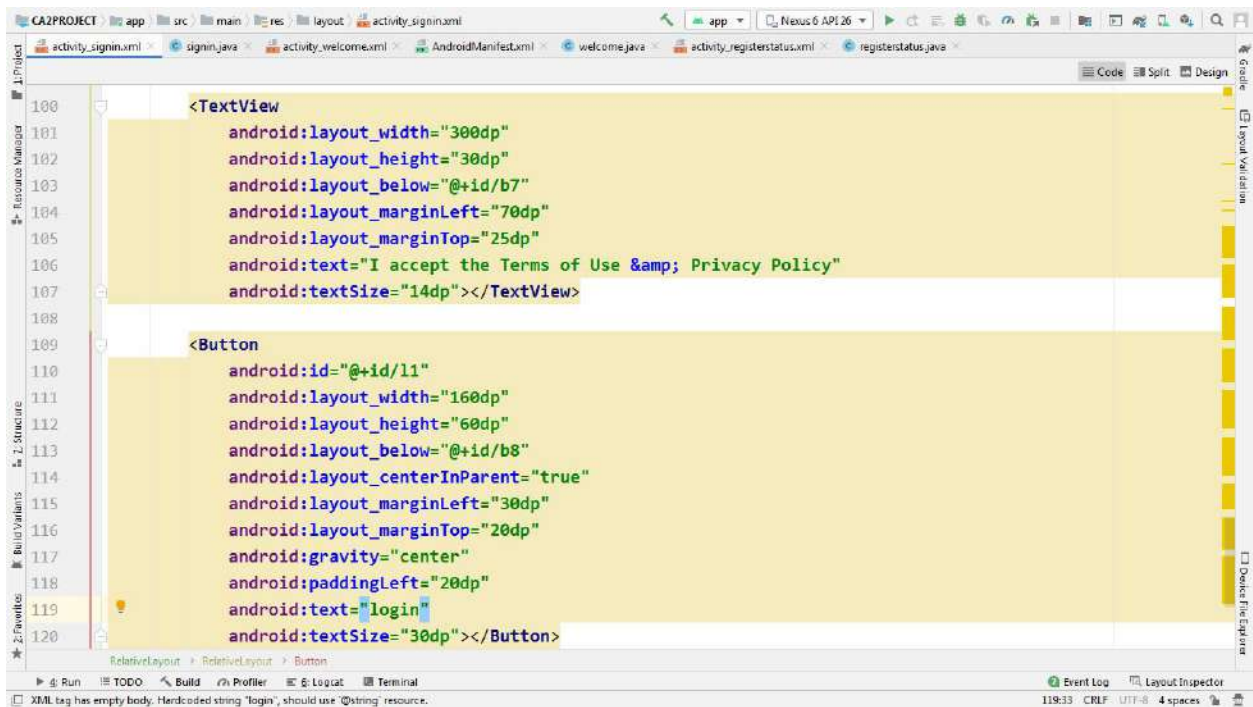
XML tag has empty body. Missing 'autofillHints' attribute. This text field does not specify an 'inputType'.

```
39
40     <EditText
41         android:id="@+id/b3"
42         android:layout_width="140dp"
43         android:layout_height="40dp"
44         android:layout_below="@id/b2"
45         android:layout_marginLeft="30dp"
46         android:layout_marginTop="20dp"
47         android:hint="First Name"
48         android:textSize="20sp"/></EditText>
49
50     <EditText
51         android:id="@+id/b4"
52         android:layout_width="140dp"
53         android:layout_height="40dp"
54         android:layout_below="@id/b2"
55         android:layout_marginLeft="185dp"
56         android:layout_marginTop="20dp"
57         android:hint="Second Name"
58         android:textSize="20sp"/></EditText>
59
```

XML tag has empty body

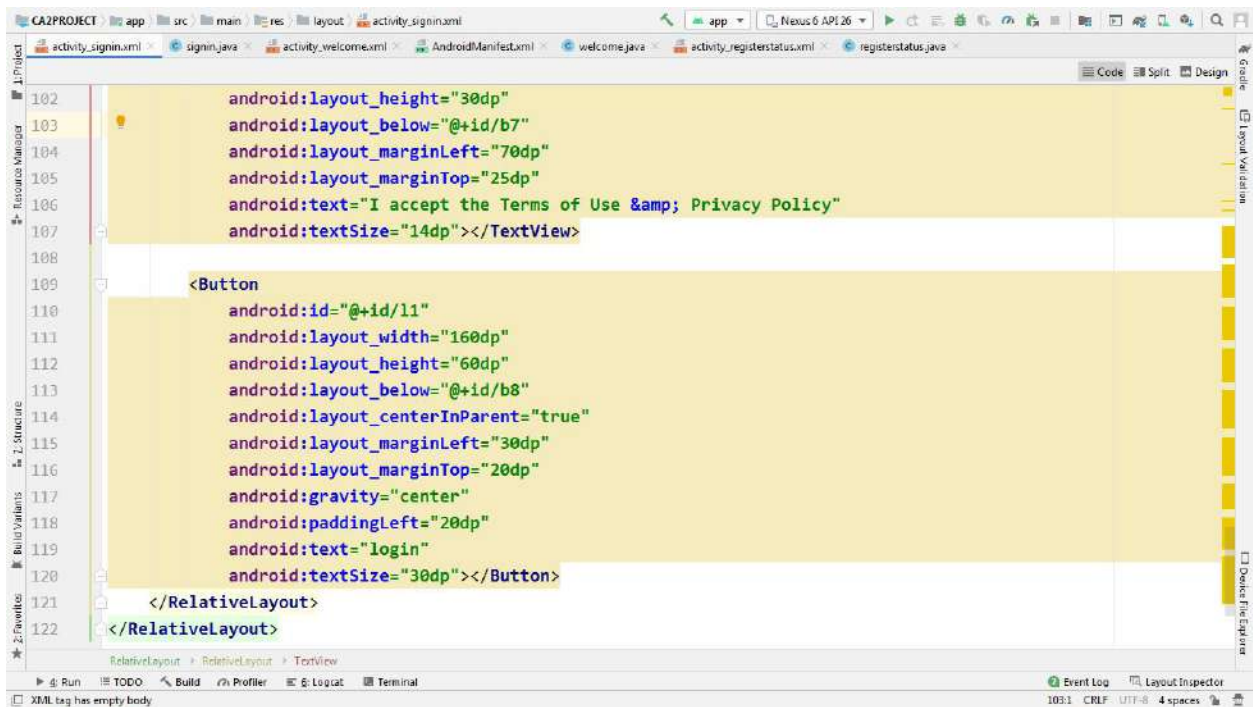
```
60 <EditText
61     android:id="@+id/b5"
62     android:layout_width="300dp"
63     android:layout_height="40dp"
64     android:layout_below="@id/b3"
65     android:layout_marginLeft="30dp"
66     android:layout_marginTop="20dp"
67     android:hint="Email"
68     android:textSize="20sp"></EditText>
69
70 <EditText
71     android:id="@+id/b6"
72     android:layout_width="300dp"
73     android:layout_height="40dp"
74     android:layout_below="@id/b5"
75     android:layout_marginLeft="30dp"
76     android:layout_marginTop="20dp"
77     android:hint="Password"
```

```
78     android:inputType="textPassword"
79     android:textSize="20sp"></EditText>
80
81 <EditText
82     android:id="@+id/b7"
83     android:layout_width="300dp"
84     android:layout_height="40dp"
85     android:layout_below="@id/b6"
86     android:layout_marginLeft="30dp"
87     android:layout_marginTop="20dp"
88     android:inputType="textPassword"
89     android:hint="Confirm Password"
90     android:textSize="20sp"></EditText>
91
92 <CheckBox
93     android:id="@+id/b8"
94     android:layout_width="30dp"
95     android:layout_height="30dp"
96     android:layout_below="@id/b7"
97     android:layout_marginLeft="30dp"
98     android:layout_marginTop="20dp"></CheckBox>
```



```
100 <TextView
101     android:layout_width="300dp"
102     android:layout_height="30dp"
103     android:layout_below="@+id/b7"
104     android:layout_marginLeft="70dp"
105     android:layout_marginTop="25dp"
106     android:text="I accept the Terms of Use & Privacy Policy"
107     android:textSize="14dp"></TextView>
108
109 <Button
110     android:id="@+id/l1"
111     android:layout_width="160dp"
112     android:layout_height="60dp"
113     android:layout_below="@+id/b8"
114     android:layout_centerInParent="true"
115     android:layout_marginLeft="30dp"
116     android:layout_marginTop="20dp"
117     android:gravity="center"
118     android:paddingLeft="20dp"
119     android:text="login"
120     android:textSize="30dp"></Button>
```

XML tag has empty body. Hardcoded string "login", should use @string resource.



```
102     android:layout_height="30dp"
103     android:layout_below="@+id/b7"
104     android:layout_marginLeft="70dp"
105     android:layout_marginTop="25dp"
106     android:text="I accept the Terms of Use & Privacy Policy"
107     android:textSize="14dp"></TextView>
108
109 <Button
110     android:id="@+id/l1"
111     android:layout_width="160dp"
112     android:layout_height="60dp"
113     android:layout_below="@+id/b8"
114     android:layout_centerInParent="true"
115     android:layout_marginLeft="30dp"
116     android:layout_marginTop="20dp"
117     android:gravity="center"
118     android:paddingLeft="20dp"
119     android:text="login"
120     android:textSize="30dp"></Button>
121 </RelativeLayout>
122 </RelativeLayout>
```

XML tag has empty body

Java file-1Activity:signin


```
1 package com.example.ca2project;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.content.Intent;
6 import android.os.Bundle;
7 import android.view.View;
8 import android.widget.Button;
9 import android.widget.EditText;
10 import android.widget.Toast;
11
12 //email-b5,password-b6,confirm password-b7,user-b3,login-l1
13 public class signin extends AppCompatActivity {
14     EditText b5, b6, b7,b3;
15     Button l1;
16
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate(savedInstanceState);
19         setContentView(R.layout.activity_signin);
20         b5 = (EditText) findViewById(R.id.b5);
21         b6 = (EditText) findViewById(R.id.b6);
22         b7 = (EditText) findViewById(R.id.b7);
```

Run | TODO | Build | Profiler | Logcat | Terminal | Event Log | Layout Inspector

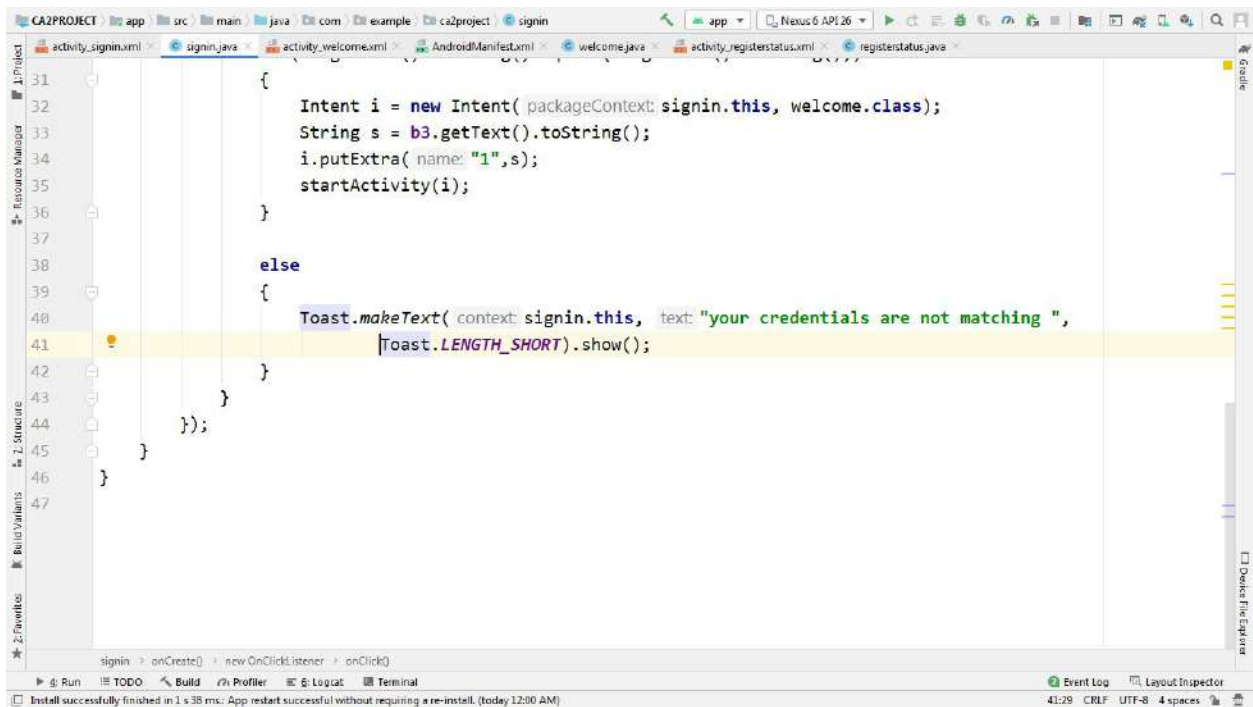
Install successfully finished in 1 s 35 ms: App restart successful without requiring a re-install. (today 12:00 AM)

```
23         b3 = (EditText) findViewById(R.id.b3);
24         l1 = (Button) findViewById(R.id.l1);
25
26         l1.setOnClickListener(new View.OnClickListener() {
27             @Override
28             public void onClick(View v) {
29
30                 if (b6.getText().toString().equals(b7.getText().toString()))
31                 {
32                     Intent i = new Intent( packageContext: signin.this, welcome.class);
33                     String s = b3.getText().toString();
34                     i.putExtra( name: "1",s);
35                     startActivity(i);
36                 }
37                 else
38                 {
39                     Toast.makeText( context: signin.this, text: "your credentials are not matching ",
40                                     Toast.LENGTH_SHORT).show();
41                 }
42             }
43         });
44     }
45 }
```

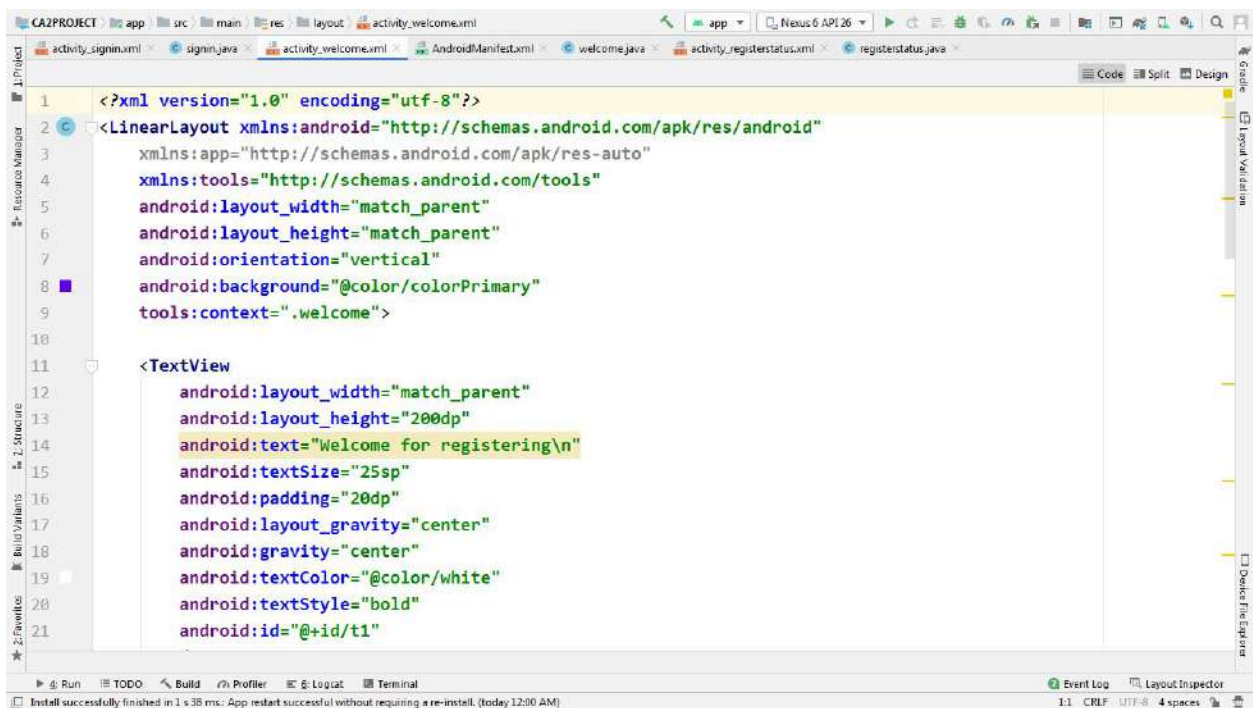
signin | onCreate() | new OnClickListener() | onClick()

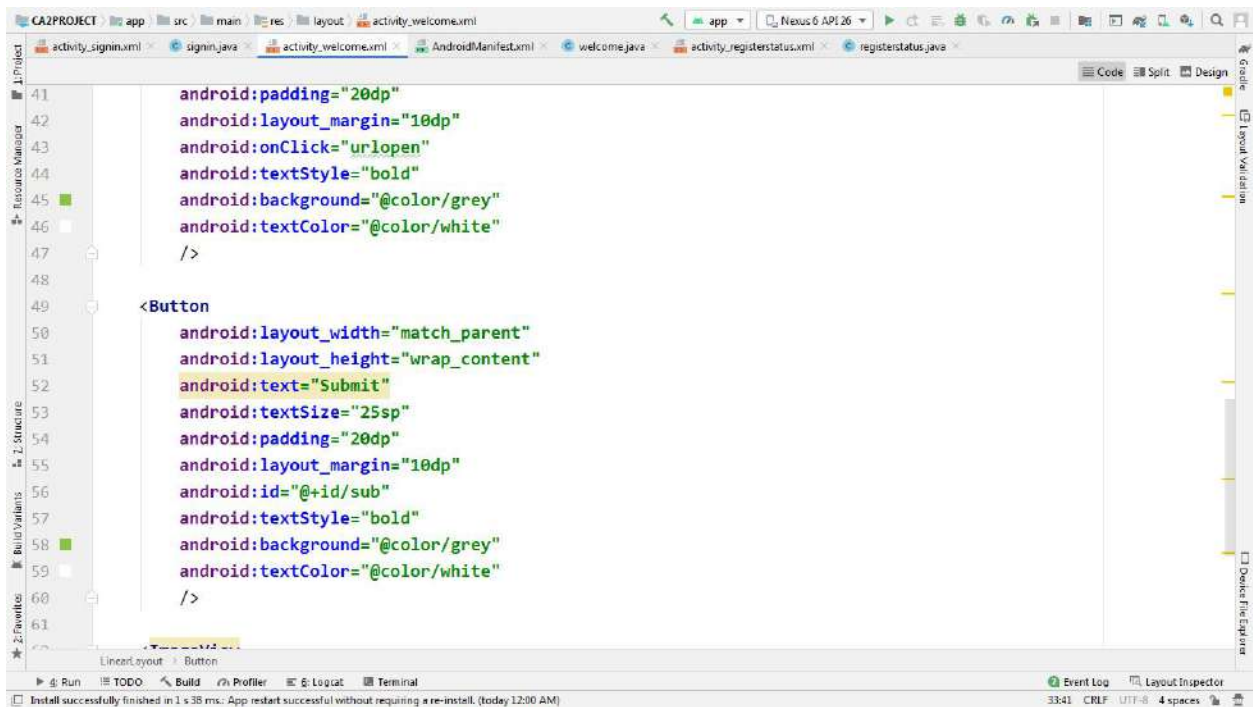
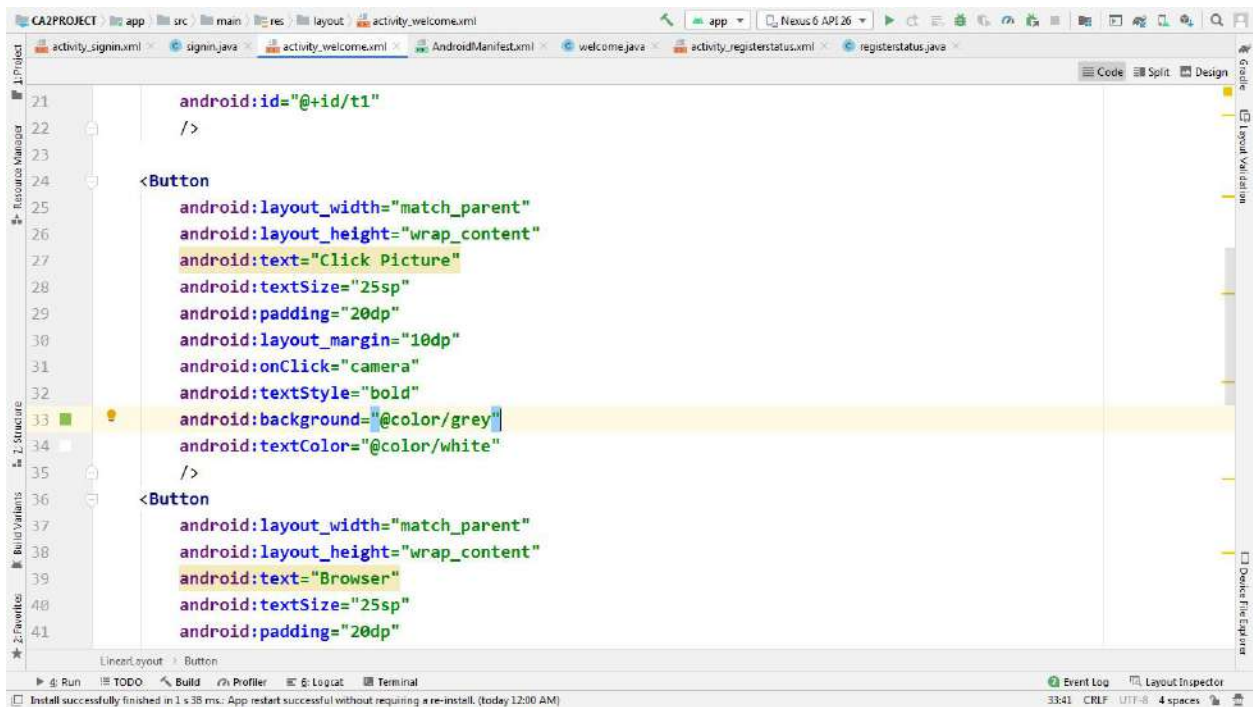
Run | TODO | Build | Profiler | Logcat | Terminal | Event Log | Layout Inspector

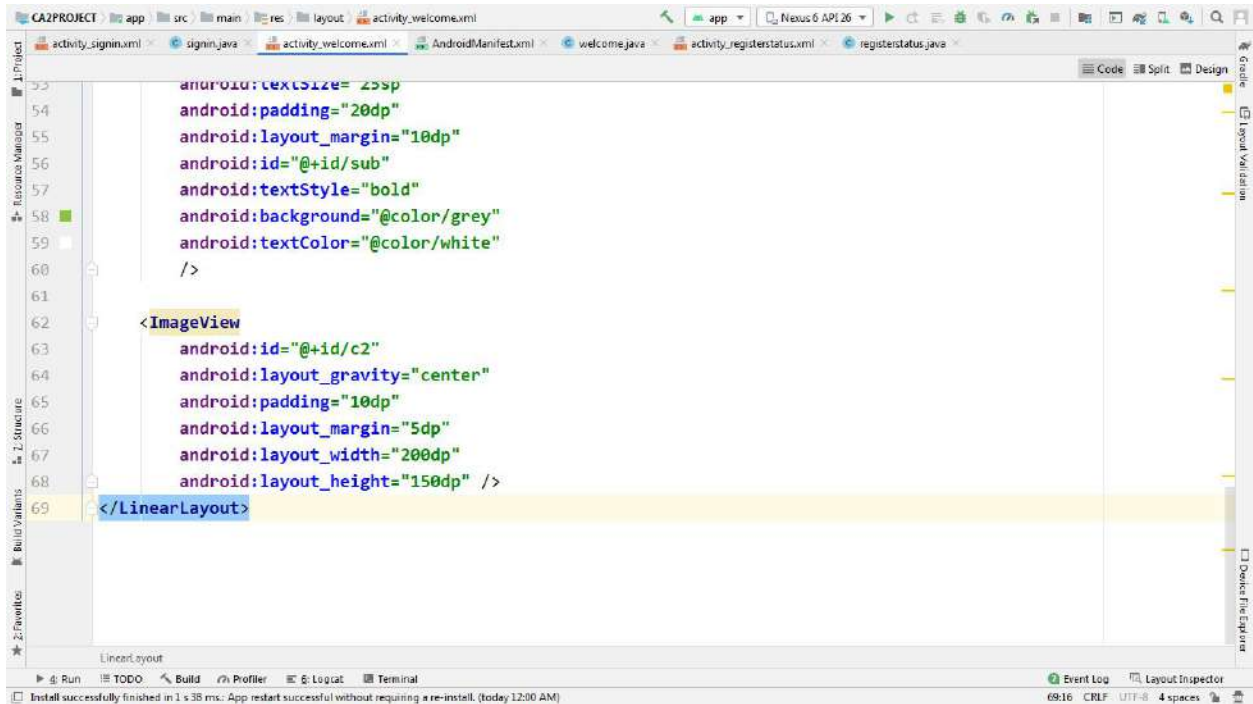
41:29 CRLF UTF-8 4 spaces



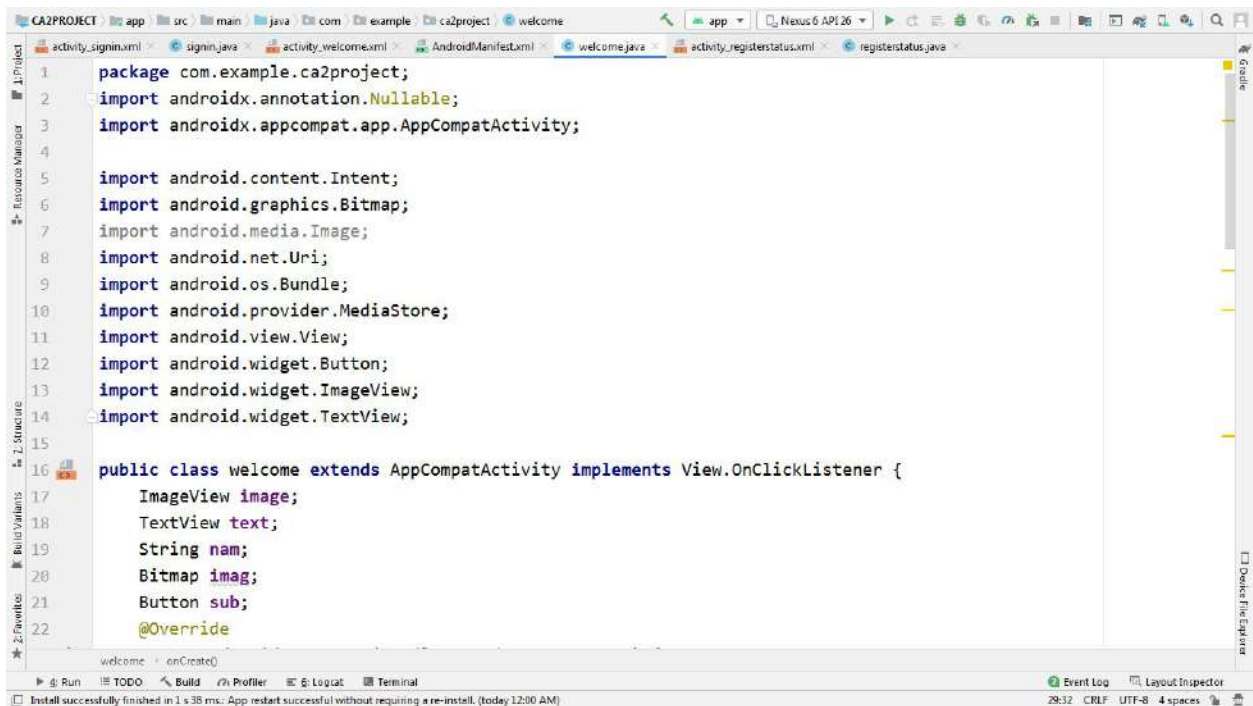
XML-2Activity:welcome







JAVAFILE-2Activity:welcome




```
CA2PROJECT > app > src > main > java > com > example > ca2project > welcome
activity_signin.xml > signin.java > activity_welcome.xml > AndroidManifest.xml > welcome.java > activity_registerstatus.xml > registerstatus.java

22  @Override
23  protected void onCreate(Bundle savedInstanceState) {
24      super.onCreate(savedInstanceState);
25      setContentView(R.layout.activity_welcome);
26      image = (ImageView) findViewById(R.id.c2);
27      text = findViewById(R.id.t1);
28      sub = findViewById(R.id.sub);
29      Intent i = getIntent();
30      nam = i.getStringExtra( name: "1");
31      text.setText("Welcome For Registering\n" + nam);
32
33      sub.setOnClickListener(this);
34  }
35
36  public void camera(View v)
37  {
38      Intent i=new Intent();
39      i.setAction(MediaStore.ACTION_IMAGE_CAPTURE);
40      startActivityForResult(i, requestCode: 1);
41  }
42  @Override
43  protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {

welcome - onCreate()
Run TODO Build Profiler Logcat Terminal
Install successfully finished in 1 s 35 ms: App restart successful without requiring a re-install. (today 12:00 AM)
Event Log Layout Inspector
23:30 CRLF UTF-8 4 spaces
```

```
CA2PROJECT > app > src > main > java > com > example > ca2project > welcome
activity_signin.xml > signin.java > activity_welcome.xml > AndroidManifest.xml > welcome.java > activity_registerstatus.xml > registerstatus.java

42  @Override
43  protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
44      super.onActivityResult(requestCode, resultCode, data);
45      if (requestCode == 1 && resultCode == RESULT_OK)
46      {
47          imag = (Bitmap) data.getExtras().get("data");
48          image.setImageBitmap(imag);
49      }
50  }
51
52  public void urlopen(View v)
53  {
54      Intent i=new Intent();
55      i.setAction(Intent.ACTION_VIEW);
56      i.setData(Uri.parse("https://www.google.com"));
57      startActivity(i);
58  }
59
60  @Override
61  public void onClick(View view) {
62      Intent in = new Intent( packageContext: welcome.this,registerstatus.class);
63      in.putExtra( name: "1",nam);

welcome - onCreate()
Run TODO Build Profiler Logcat Terminal
Install successfully finished in 1 s 35 ms: App restart successful without requiring a re-install. (today 12:00 AM)
Event Log Layout Inspector
23:37 CRLF UTF-8 4 spaces
```

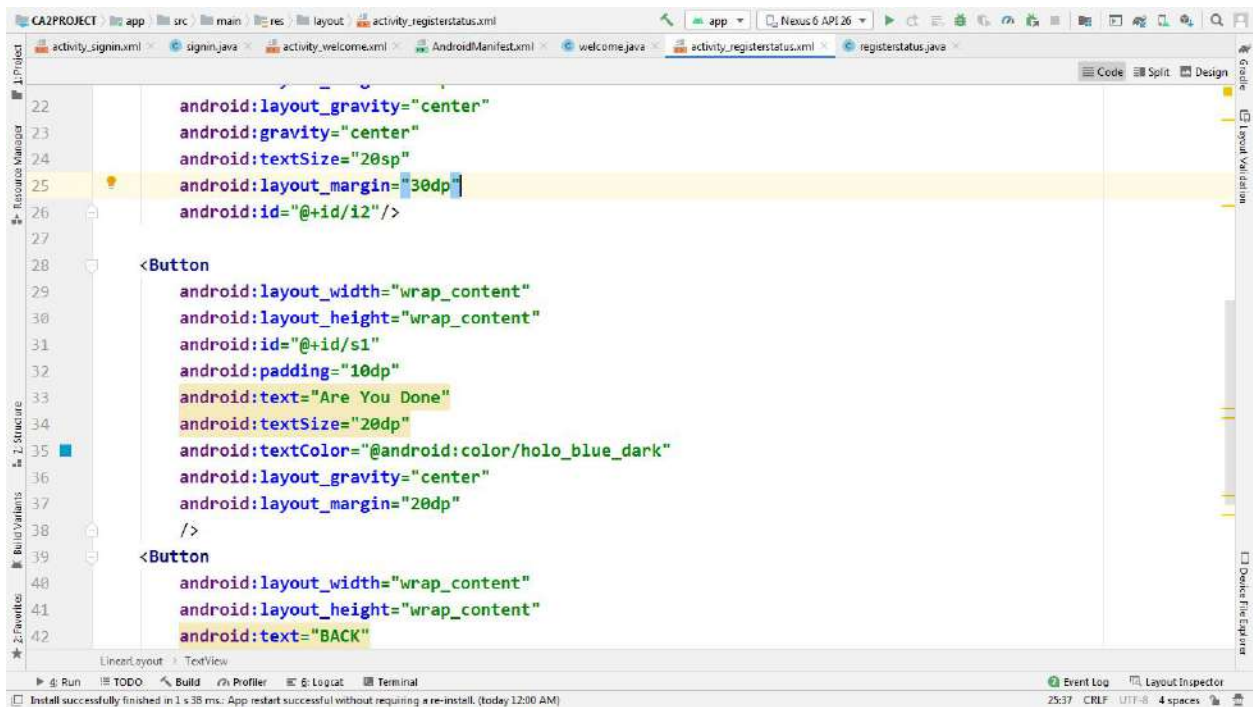
The screenshot shows the Android Studio IDE with the 'welcome.java' file open. The code defines two methods: 'urlopen' and 'onClick'. The 'urlopen' method creates an Intent with the action 'ACTION_VIEW' and the data 'https://www.google.com', then starts the activity. The 'onClick' method creates an Intent with the package context 'welcome.this', the class 'registerstatus.class', and two extra parameters: '1' for 'nam' and '2' for 'imag'. It then starts the activity with the created Intent.

```
51
52 public void urlopen(View v)
53 {
54     Intent i=new Intent();
55     i.setAction(Intent.ACTION_VIEW);
56     i.setData(Uri.parse("https://www.google.com"));
57     startActivity(i);
58 }
59
60 @Override
61 public void onClick(View view) {
62     Intent in = new Intent( packageContext: welcome.this,registerstatus.class);
63     in.putExtra( name: "1",nam);
64     in.putExtra( name: "2",imag);
65     startActivity(in);
66 }
67
68
```

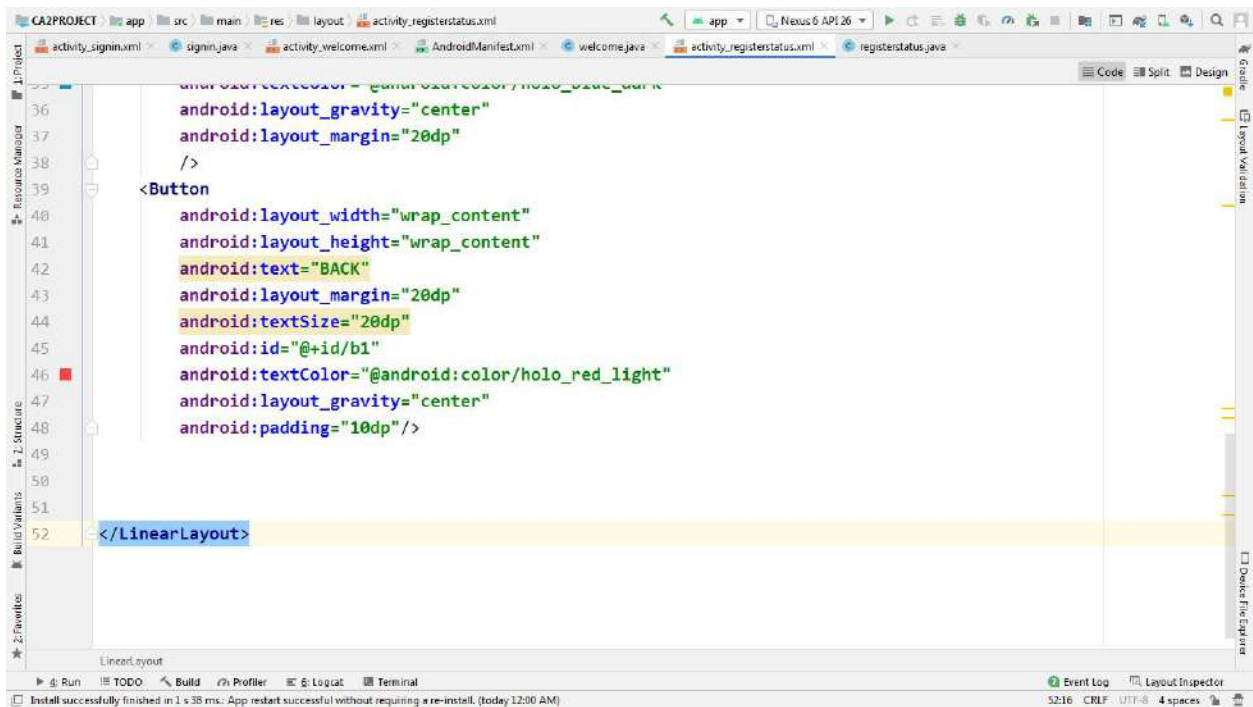
XML:3Activity:registerstatus

The screenshot shows the Android Studio IDE with the 'activity_registerstatus.xml' file open. The XML defines a LinearLayout with a background color of 'holo_green_light'. It contains an ImageView with a width and height of 200dp, a margin of 40dp, and gravity centered. Below the ImageView is a TextView with a width of 'match_parent' and a height of 50dp.

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@android:color/holo_green_light"
8     android:id="@+id/Linear_Layout"
9     tools:context=".registerstatus"
10    android:orientation="vertical">
11
12    <ImageView
13        android:layout_width="200dp"
14        android:layout_height="200dp"
15        android:layout_margin="40dp"
16        android:layout_gravity="center"
17        android:id="@+id/i1"/>
18
19    <TextView
20        android:layout_width="match_parent"
21        android:layout_height="50dp">
```



```
22     android:layout_gravity="center"
23     android:gravity="center"
24     android:textSize="20sp"
25     android:layout_margin="30dp"
26     android:id="@+id/i2"/>
27
28     <Button
29         android:layout_width="wrap_content"
30         android:layout_height="wrap_content"
31         android:id="@+id/s1"
32         android:padding="10dp"
33         android:text="Are You Done"
34         android:textSize="20dp"
35         android:textColor="@android:color/holo_blue_dark"
36         android:layout_gravity="center"
37         android:layout_margin="20dp"
38     />
39
40     <Button
41         android:layout_width="wrap_content"
42         android:layout_height="wrap_content"
43         android:text="BACK"
```



```
36     android:layout_gravity="center"
37     android:layout_margin="20dp"
38 />
39
40 <Button
41     android:layout_width="wrap_content"
42     android:layout_height="wrap_content"
43     android:text="BACK"
44     android:layout_margin="20dp"
45     android:textSize="20dp"
46     android:id="@+id/b1"
47     android:textColor="@android:color/holo_red_light"
48     android:layout_gravity="center"
49     android:padding="10dp"/>
50
51
52 </LinearLayout>
```

JAVA:3Activity:registerstatus

```
1 package com.example.ca2project;
2
3 import androidx.appcompat.app.AppCompatActivity;
4 import android.content.Intent;
5 import android.graphics.Bitmap;
6 import android.os.Bundle;
7 import android.view.View;
8 import android.widget.Button;
9 import android.widget.ImageView;
10 import android.widget.TextView;
11 import com.google.android.material.snackbar.Snackbar;
12
13 public class registerstatus extends AppCompatActivity {
14     ImageView i;
15     TextView t;
16     Button b1, s1;
17
18     @Override
19     protected void onCreate(Bundle savedInstanceState) {
20         super.onCreate(savedInstanceState);
21         setContentView(R.layout.activity_registerstatus);
22         i = findViewById(R.id.i1);
```

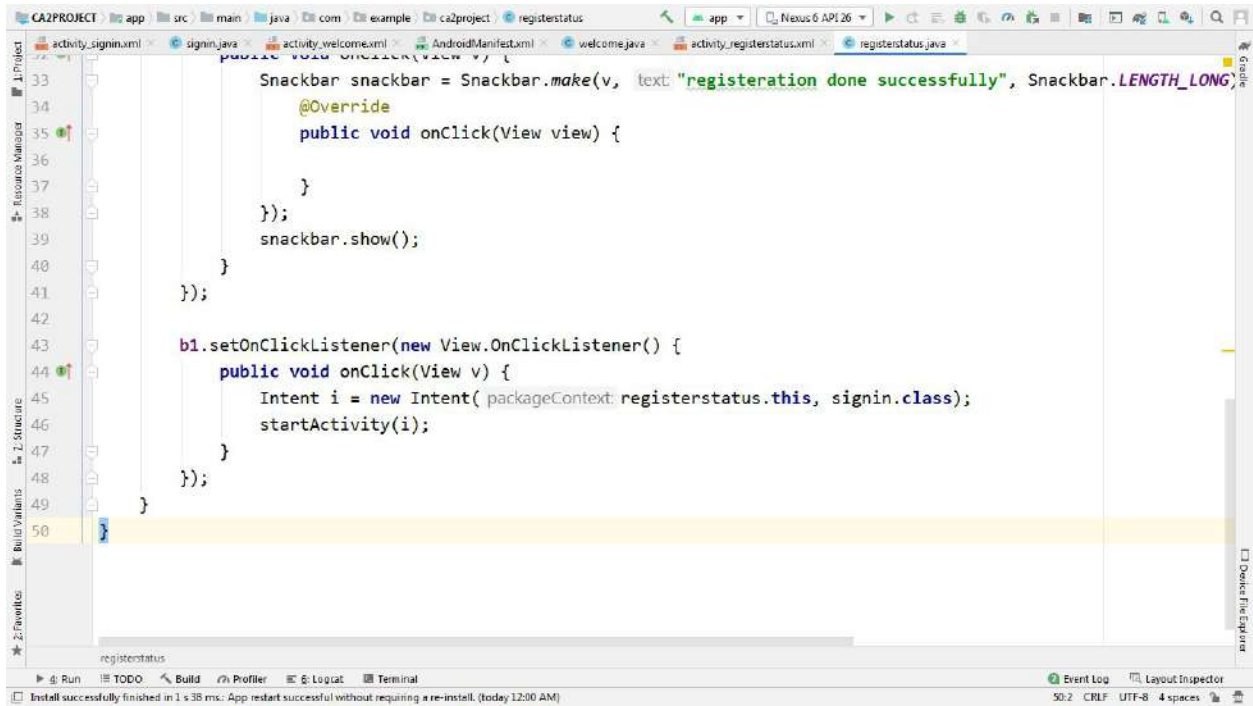
Run | Build | Profiler | Logcat | Terminal | Event Log | Layout Inspector

Install successfully finished in 1 s 35 ms: App restart successful without requiring a re-install. (today 12:00 AM)

```
22 i = findViewById(R.id.i1);
23 t = findViewById(R.id.t2);
24 s1 = findViewById(R.id.s1);
25 b1 = findViewById(R.id.b1);
26 Intent intent = getIntent();
27 String nam = intent.getStringExtra( name: "1");
28 Bitmap pic = (Bitmap)intent.getParcelableExtra( name: "2");
29 t.setText(nam);
30 i.setImageBitmap(pic);
31 s1.setOnClickListener(new View.OnClickListener() {
32     public void onClick(View v) {
33         Snackbar snackbar = Snackbar.make(v, text: "registration done successfully", Snackbar.LENGTH_LONG);
34         @Override
35         public void onClick(View view) {
36
37         }
38     });
39     snackbar.show();
40 }
41 });
42
43 b1.setOnClickListener(new View.OnClickListener() {
```

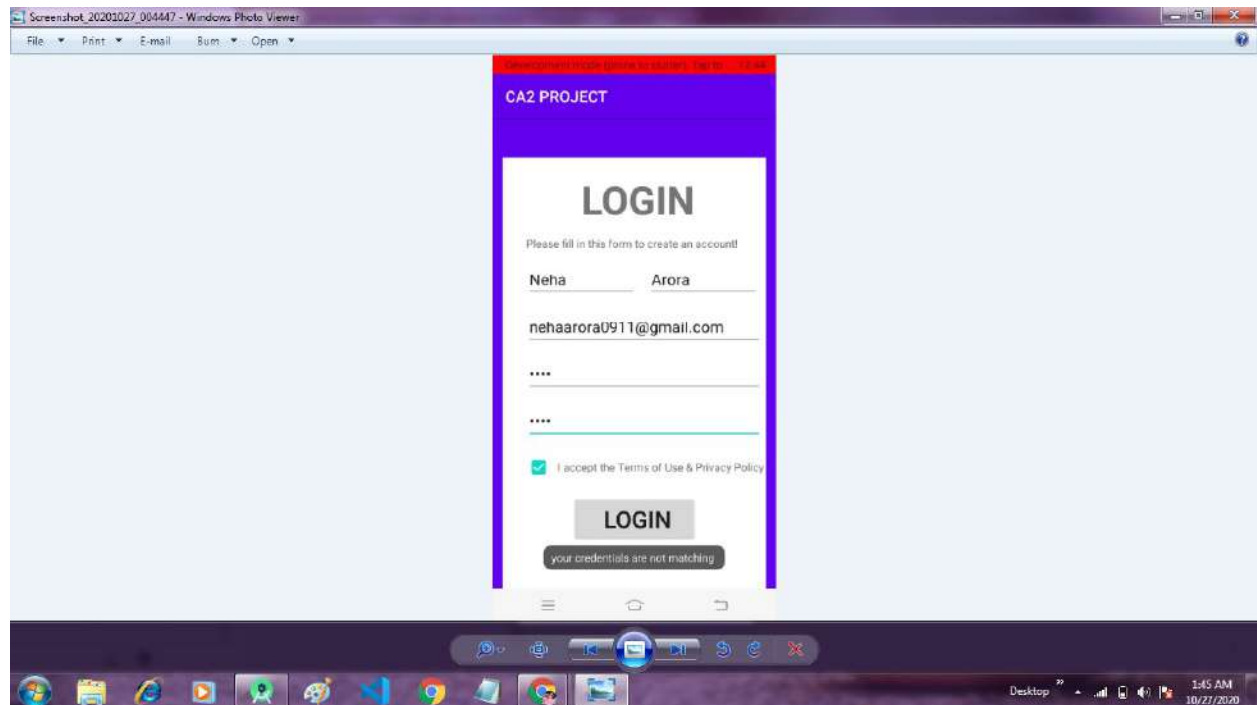
Run | Build | Profiler | Logcat | Terminal | Event Log | Layout Inspector

39:33 CRLF UTF-8 4 spaces

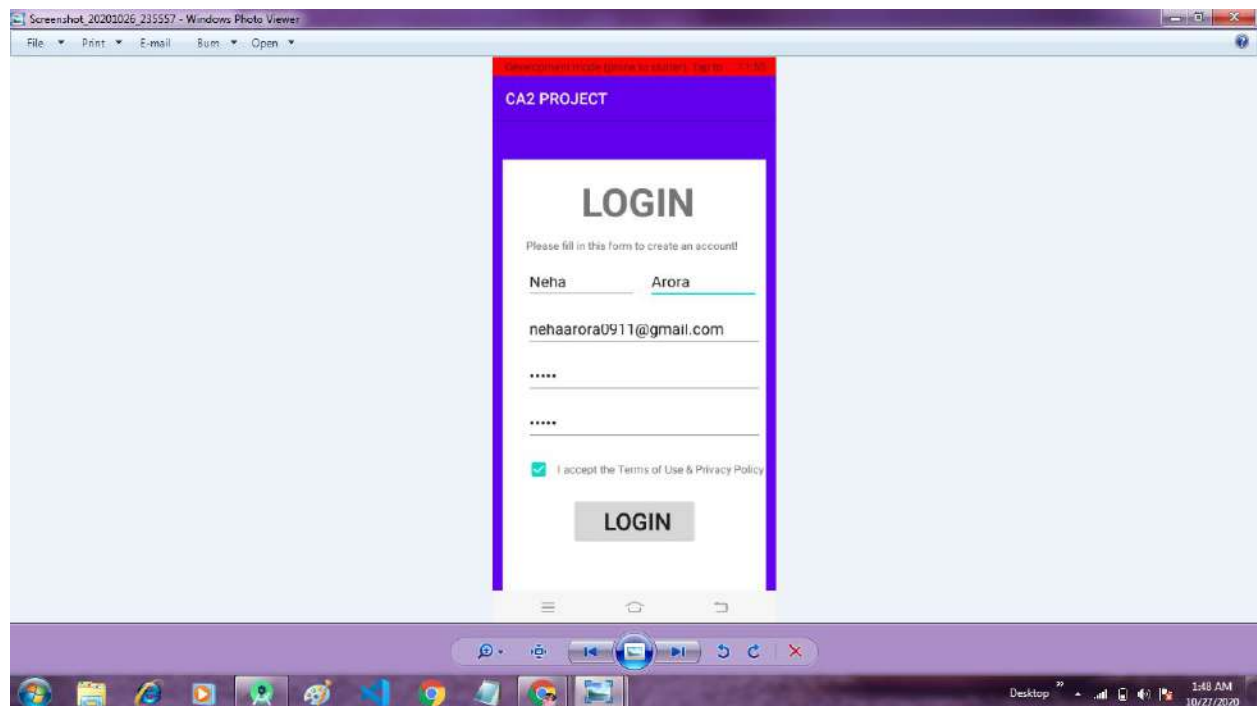


OUTPUT:

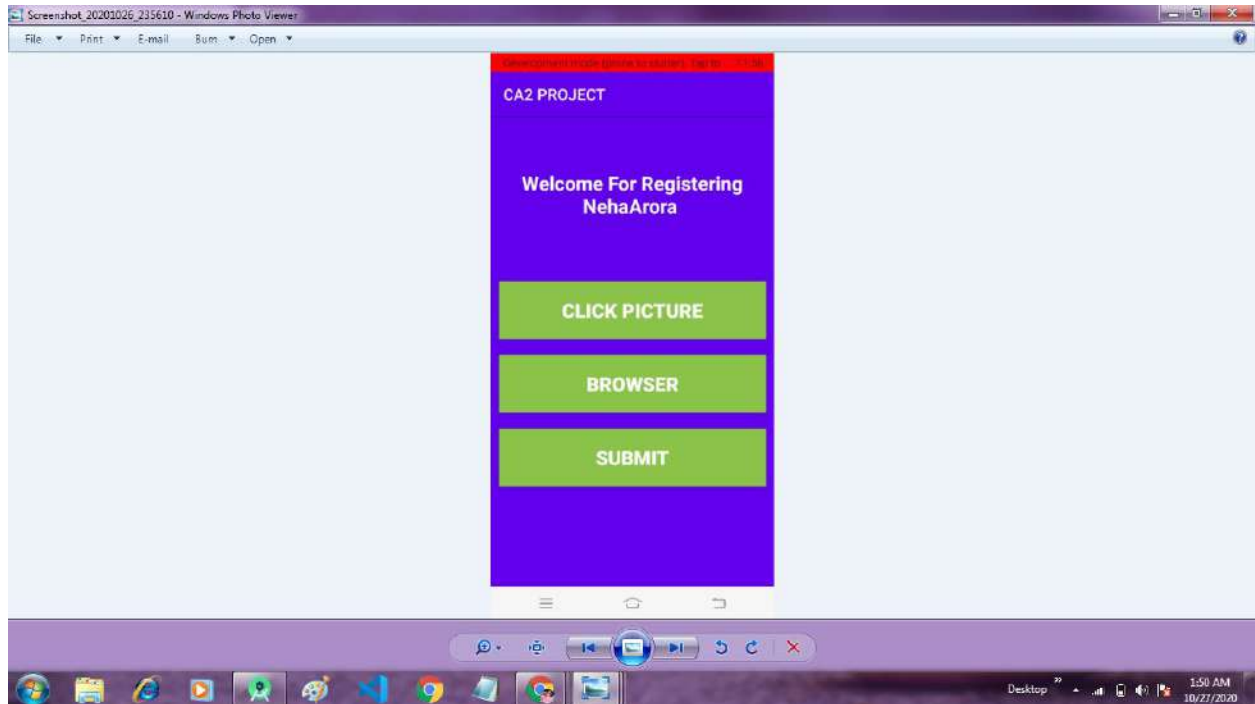
1.when credentials are not matching.



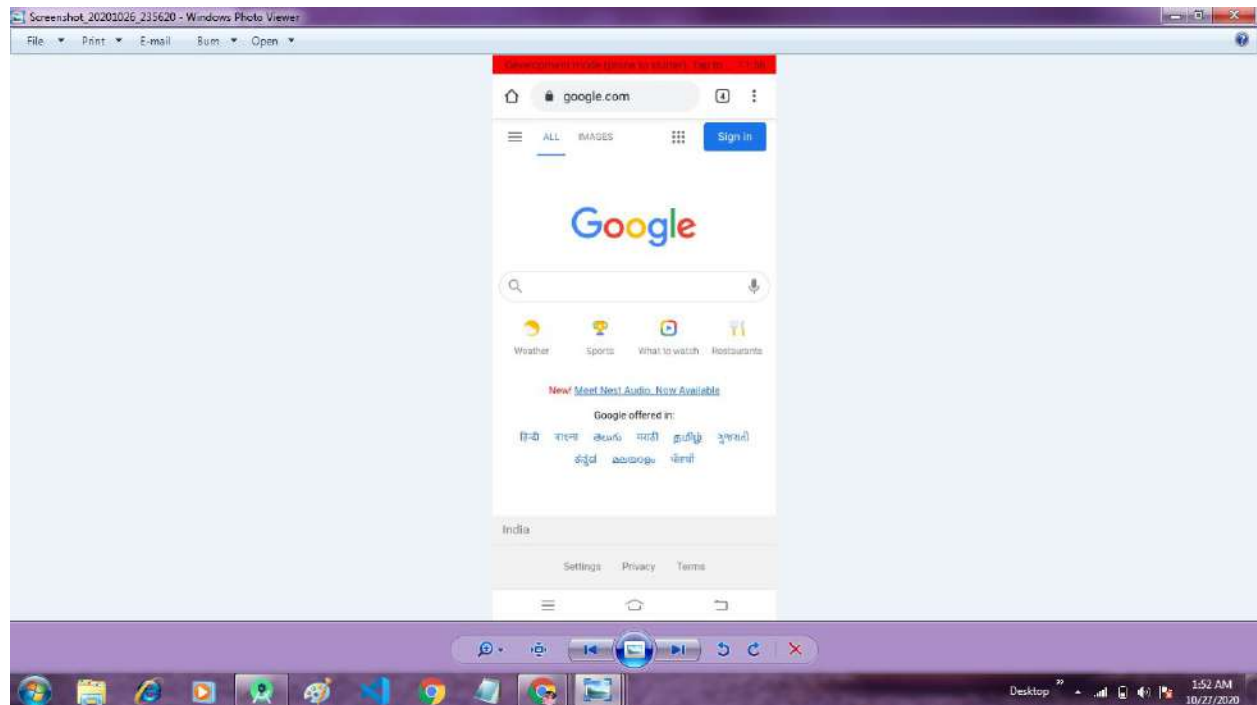
2. When credentials are matching



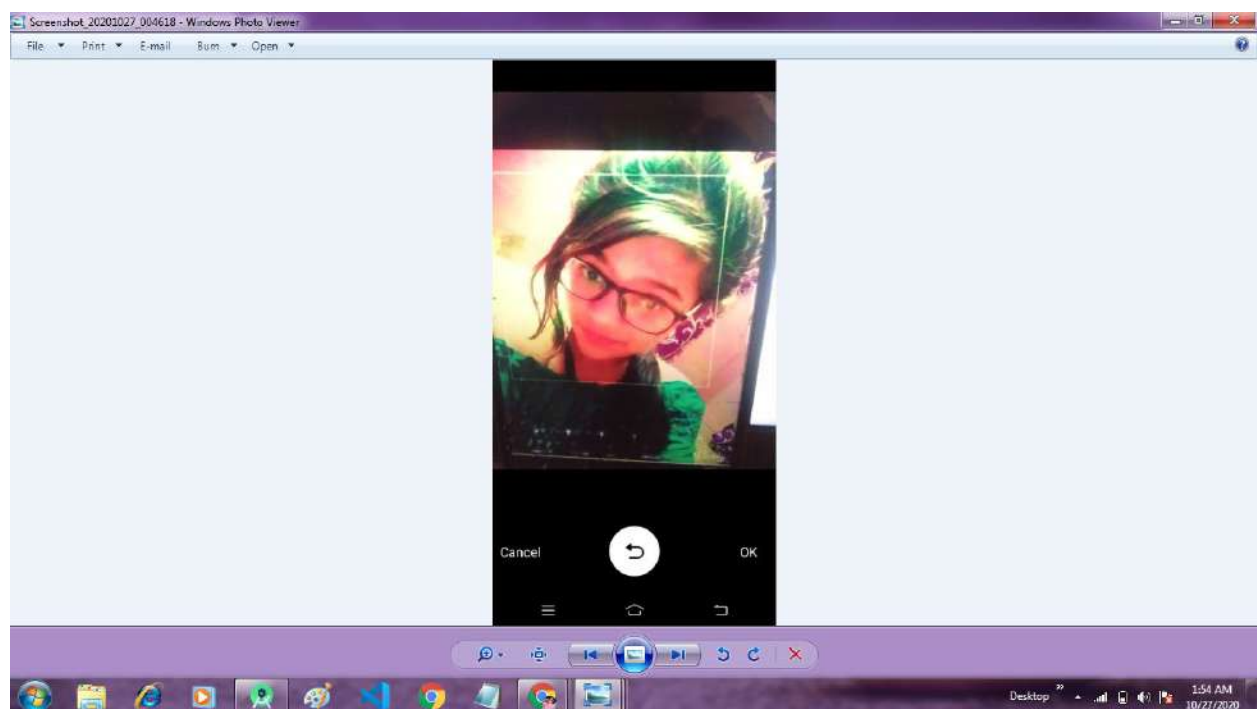
3. When i clicked on login it takes me back to the welcome activity (2 activity)



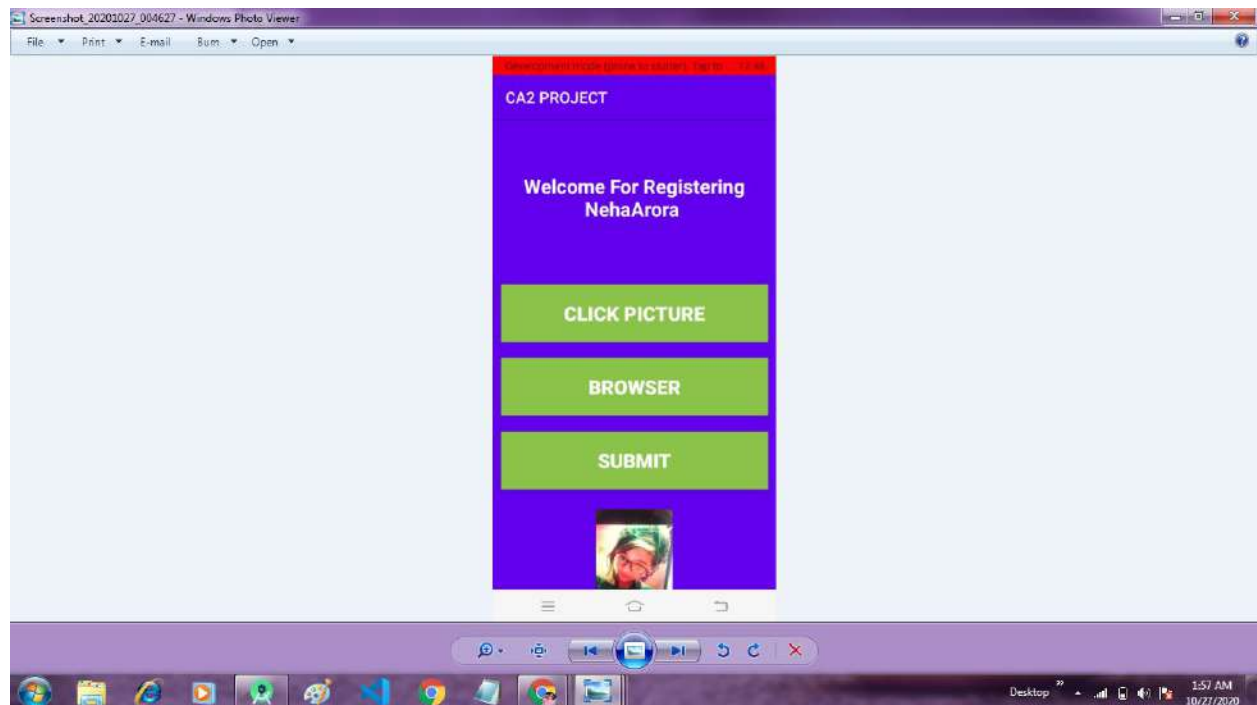
4. When i clicked on the browser it just open the google.



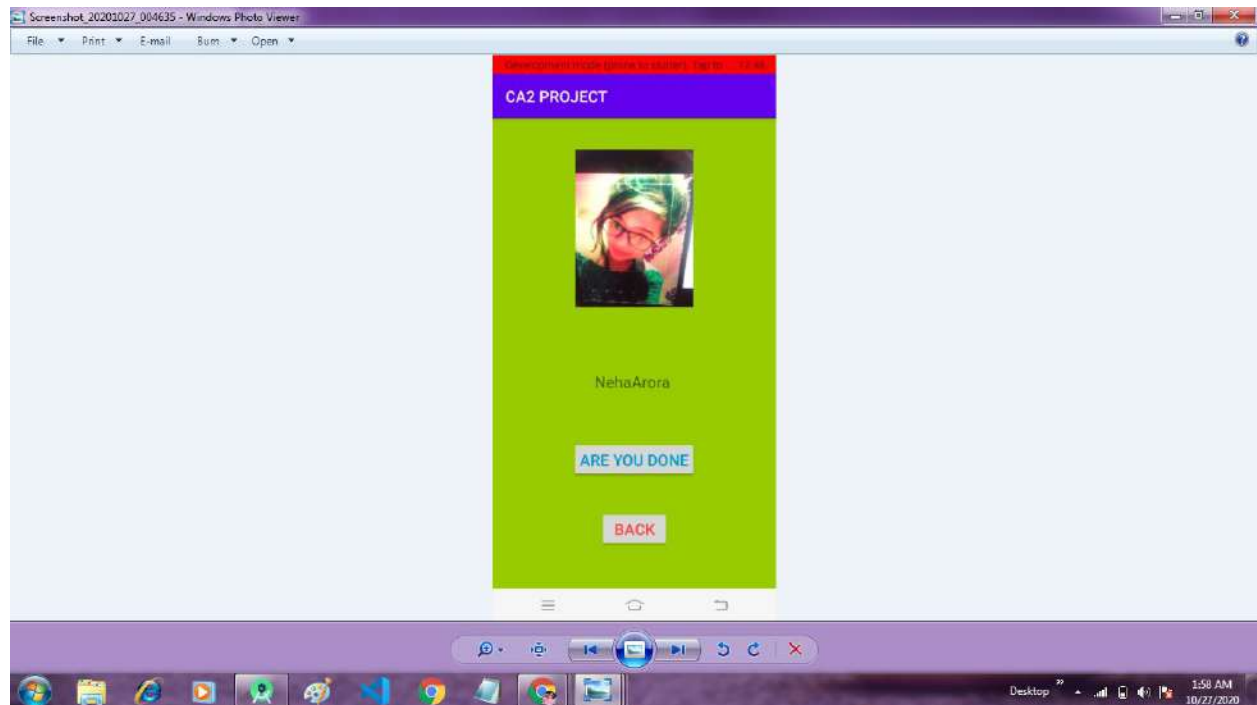
5. When I click on click picture it will open my camera and take the image.



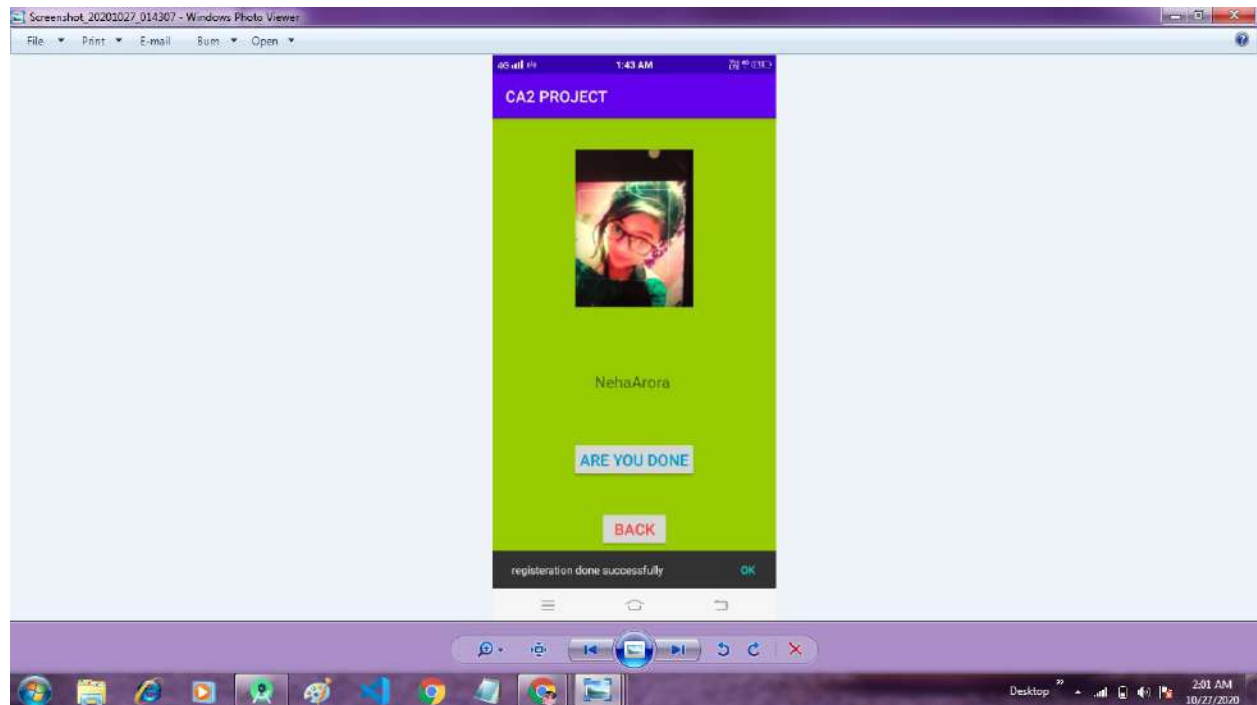
6. When i clicked the picture and clicked ok it will set it to my welcome page(2 activity).



7. When i clicked on Submit then the image and the user name will set to my registerstatus(3 activity).



8. When i clicked on the button named "Are You Done" then it would show me a snackbar message on the left hand side.



**9. When i clicked on the button named "Back"
It will take me to the signup activity(1 activity).**

