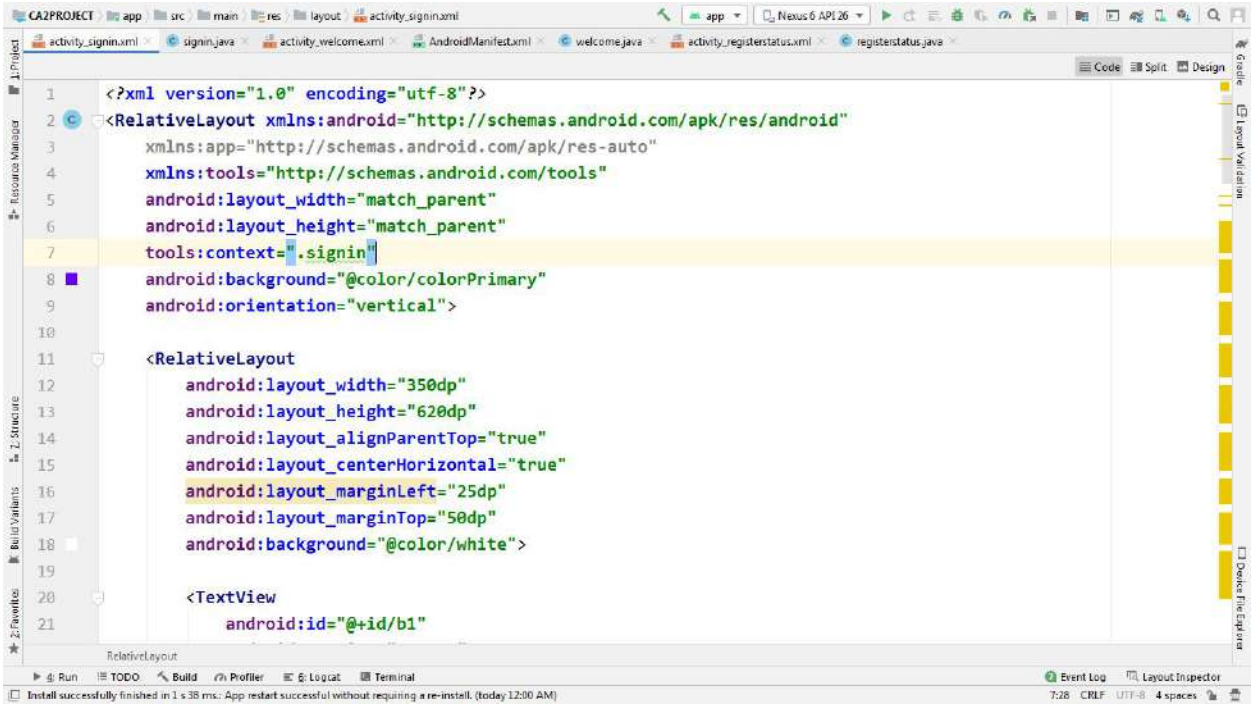
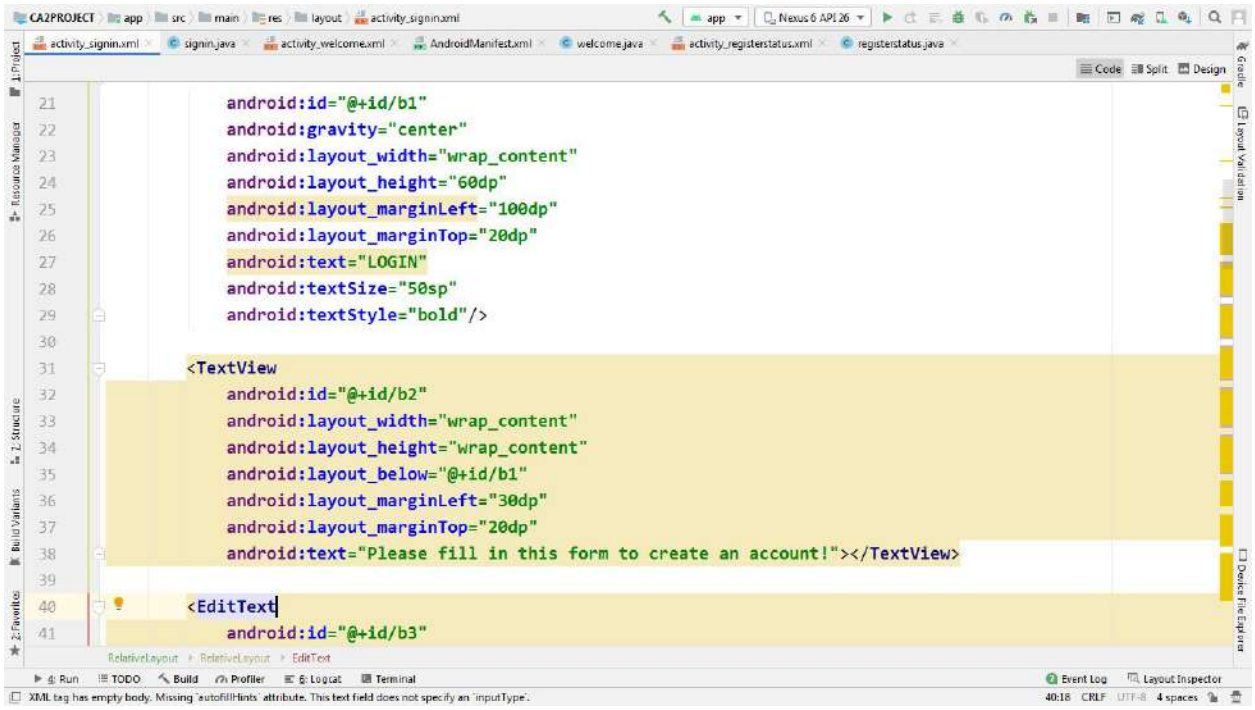
NAME-NEHA ARORA , REG NO-11811816 , SECTION -KOM54, ROLL NO-36

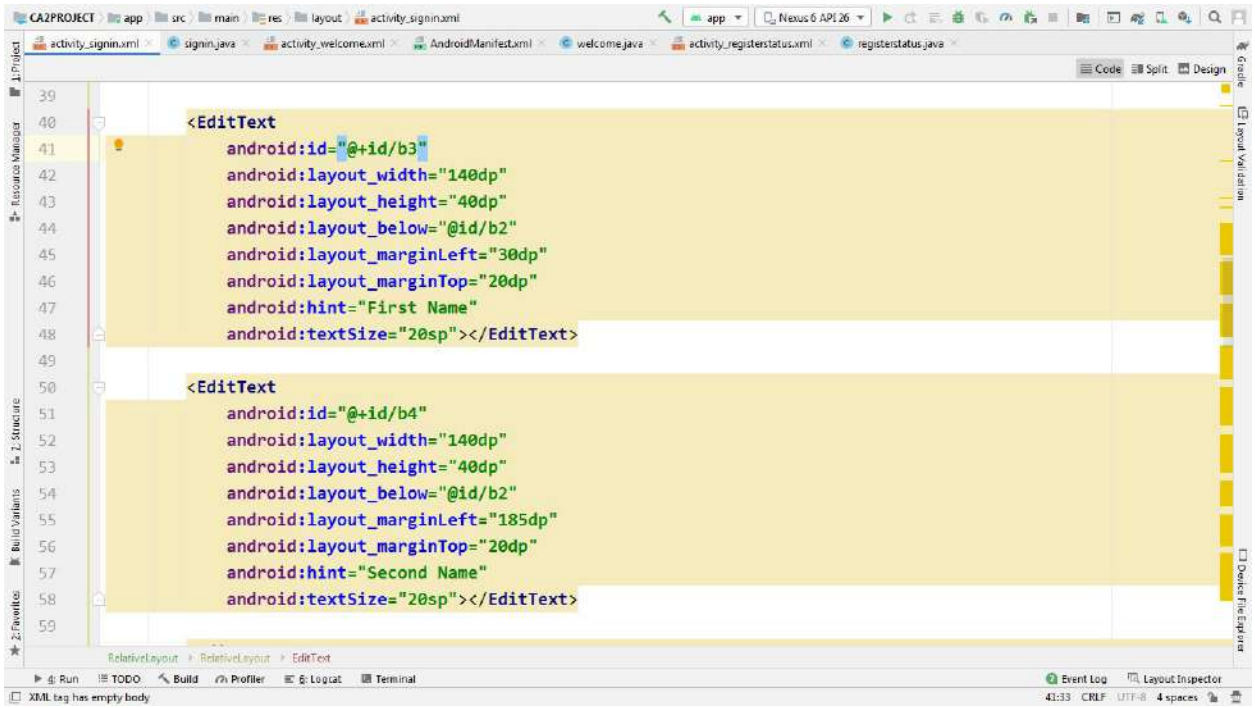
COURSE CODE-CSE224 SET - EVEN(1)

XML FILE: Activity 1:singnin

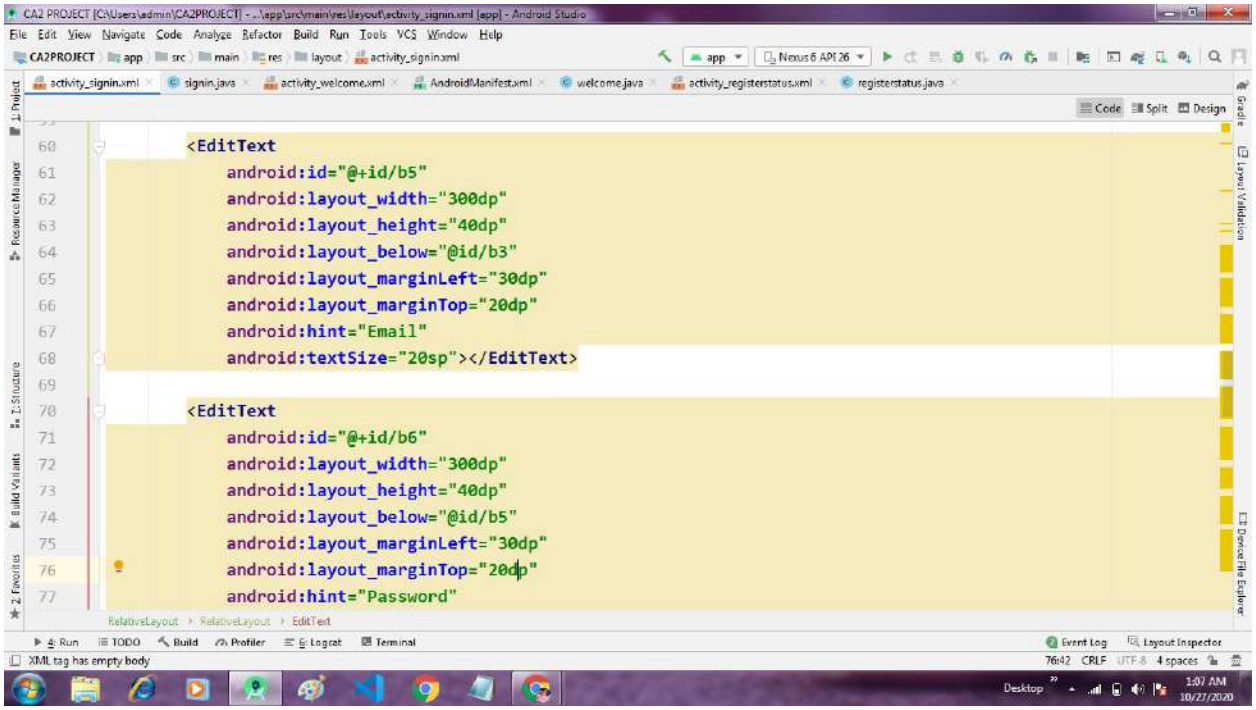


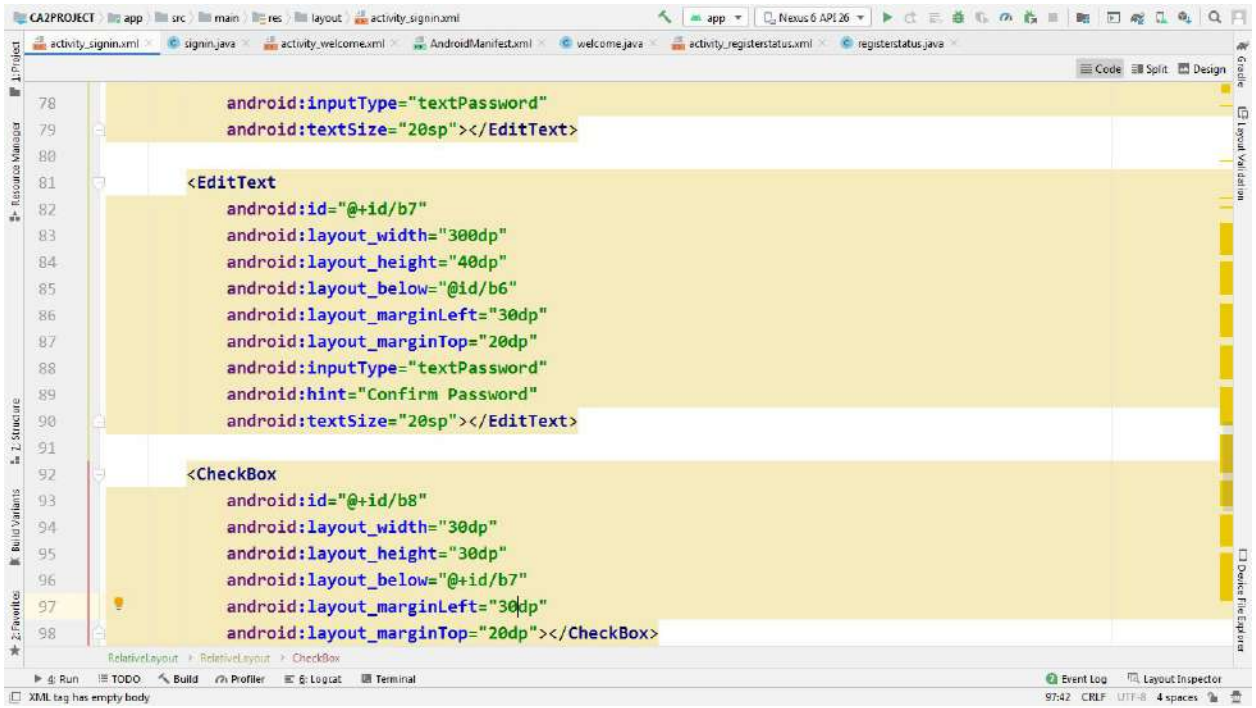


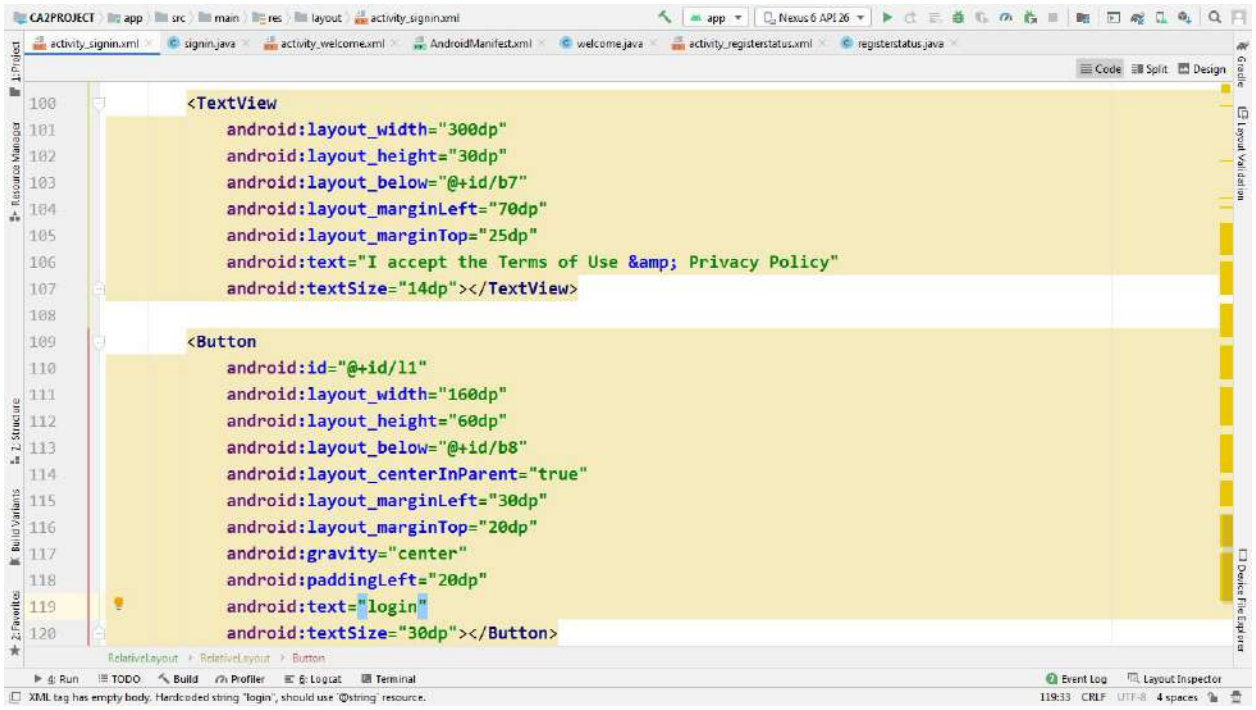
```
        android:id="@+id/b1"
        android:gravity="center"
        android:layout_width="wrap_content"
        android:layout_height="60dp"
        android:layout_marginLeft="100dp"
        android:layout_marginTop="20dp"
        android:text="LOGIN"
        android:textSize="50sp"
        android:textStyle="bold"/>

    <TextView
        android:id="@+id/b2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/b1"
        android:layout_marginLeft="30dp"
        android:layout_marginTop="20dp"
        android:text="Please fill in this form to create an account!"></TextView>

    <EditText
        android:id="@+id/b3"
```



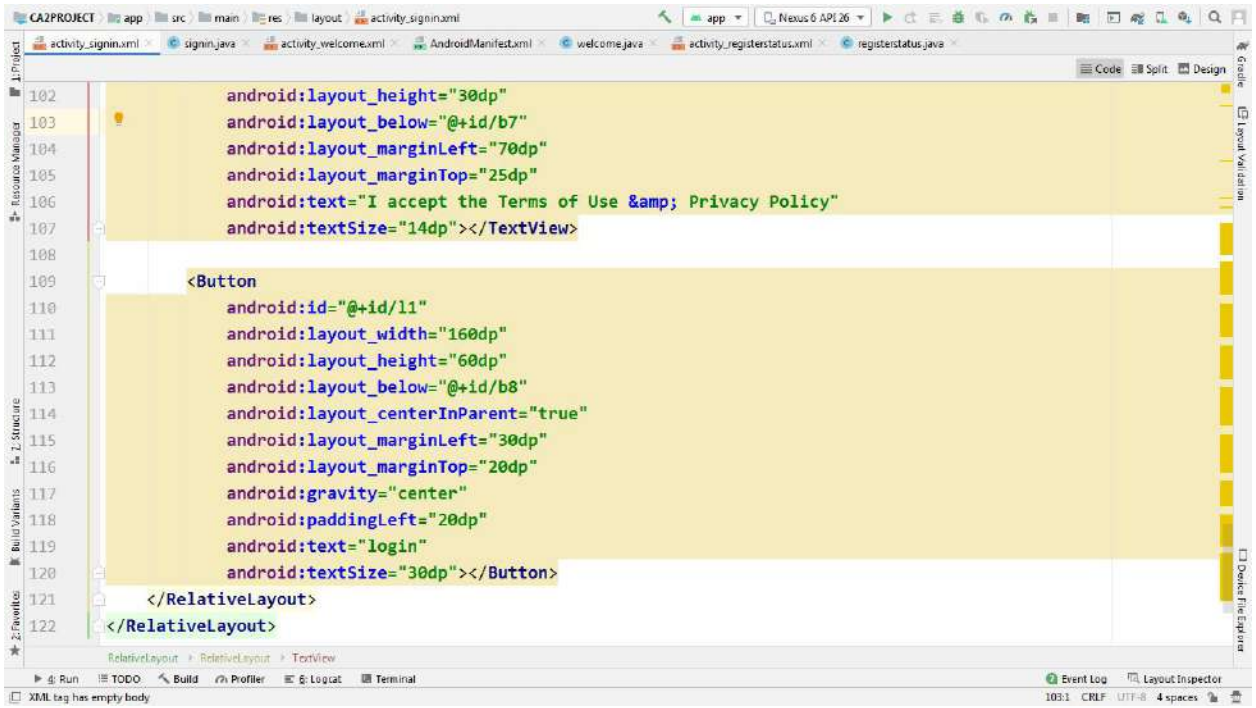
```
    <EditText
        android:id="@+id/b3"
        android:layout_width="140dp"
        android:layout_height="40dp"
        android:layout_below="@id/b2"
        android:layout_marginLeft="30dp"
        android:layout_marginTop="20dp"
        android:hint="First Name"
        android:textSize="20sp"></EditText>

    <EditText
        android:id="@+id/b4"
        android:layout_width="140dp"
        android:layout_height="40dp"
        android:layout_below="@id/b2"
        android:layout_marginLeft="185dp"
        android:layout_marginTop="20dp"
        android:hint="Second Name"
        android:textSize="20sp"></EditText>
```


CA2 PROJECT [C:\Users\admin\CA2PROJECT] - ...\app\src\main\res\layout\activity_signin.xml [app] - Android Studio
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
CA2PROJECT app src main res layout activity_signin.xml
activity_signin.xml signin.java activity_welcome.xml AndroidManifest.xml welcome.java activity_registerstatus.xml registerstatus.java
Code Split Design
<EditText
android:id="@+id/b5"
android:layout_width="300dp"
android:layout_height="40dp"
android:layout_below="@id/b3"
android:layout_marginLeft="30dp"
android:layout_marginTop="20dp"
android:hint="Email"
android:textSize="20sp"></EditText>
<EditText
android:id="@+id/b6"
android:layout_width="300dp"
android:layout_height="40dp"
android:layout_below="@id/b5"
android:layout_marginLeft="30dp"
android:layout_marginTop="20dp"
android:hint="Password"
RelativeLayout › RelativeLayout › EditText
Run TODO Build Profiler 6: Logcat Terminal
Event Log Layout Inspector
XML tag has empty body
76:42 CRLF UTF-8 4 spaces
Desktop
1:07 AM
10/27/2020


CA2PROJECT app src main res layout activity_signin.xml
app Nexus 6 API 26
activity_signin.xml signin.java activity_welcome.xml AndroidManifest.xml welcome.java activity_registerstatus.xml registerstatus.java
Code Split Design
android:inputType="textPassword"
android:textSize="20sp"></EditText>
<EditText
android:id="@+id/b7"
android:layout_width="300dp"
android:layout_height="40dp"
android:layout_below="@id/b6"
android:layout_marginLeft="30dp"
android:layout_marginTop="20dp"
android:inputType="textPassword"
android:hint="Confirm Password"
android:textSize="20sp"></EditText>
<CheckBox
android:id="@+id/b8"
android:layout_width="30dp"
android:layout_height="30dp"
android:layout_below="@+id/b7"
android:layout_marginLeft="30dp"
android:layout_marginTop="20dp"></CheckBox>
RelativeLayout › RelativeLayout › CheckBox
Run TODO Build Profiler 6: Logcat Terminal
Event Log Layout Inspector
XML tag has empty body
97:42 CRLF UTF-8 4 spaces

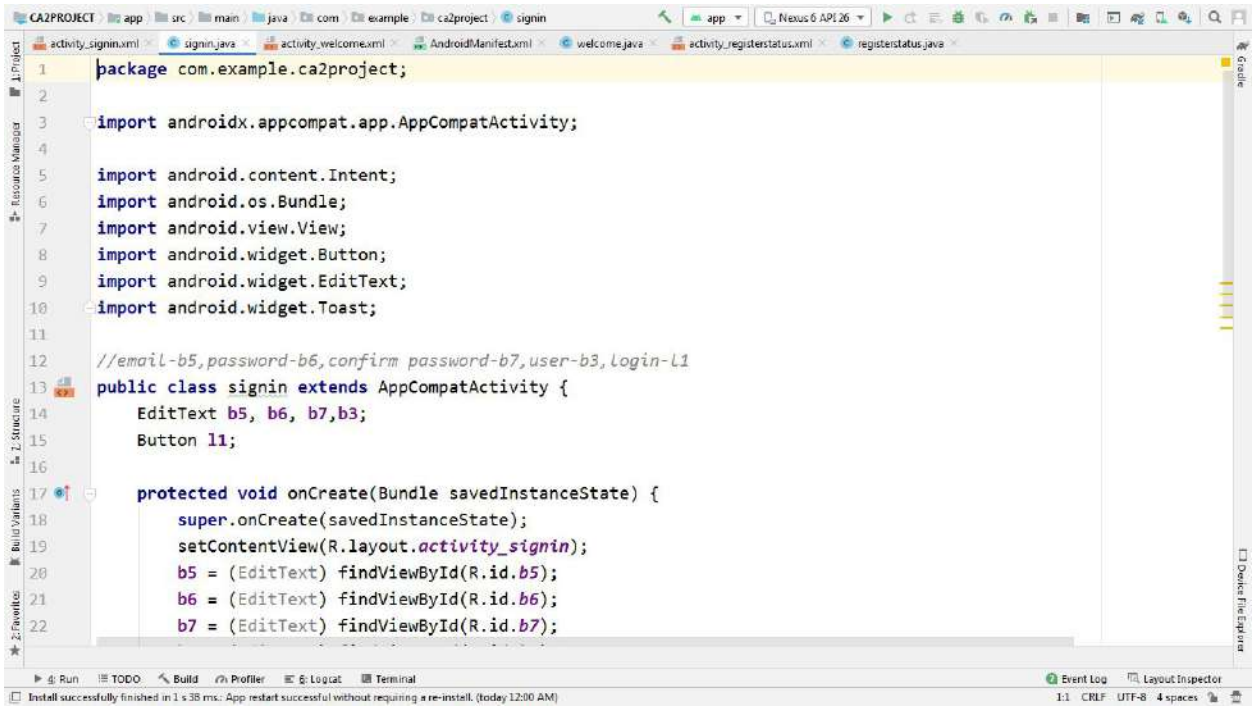


```
        <TextView
            android:layout_width="300dp"
            android:layout_height="30dp"
            android:layout_below="@+id/b7"
            android:layout_marginLeft="70dp"
            android:layout_marginTop="25dp"
            android:text="I accept the Terms of Use &amp; Privacy Policy"
            android:textSize="14dp"></TextView>

        <Button
            android:id="@+id/l1"
            android:layout_width="160dp"
            android:layout_height="60dp"
            android:layout_below="@+id/b8"
            android:layout_centerInParent="true"
            android:layout_marginLeft="30dp"
            android:layout_marginTop="20dp"
            android:gravity="center"
            android:paddingLeft="20dp"
            android:text="login"
            android:textSize="30dp"></Button>
```

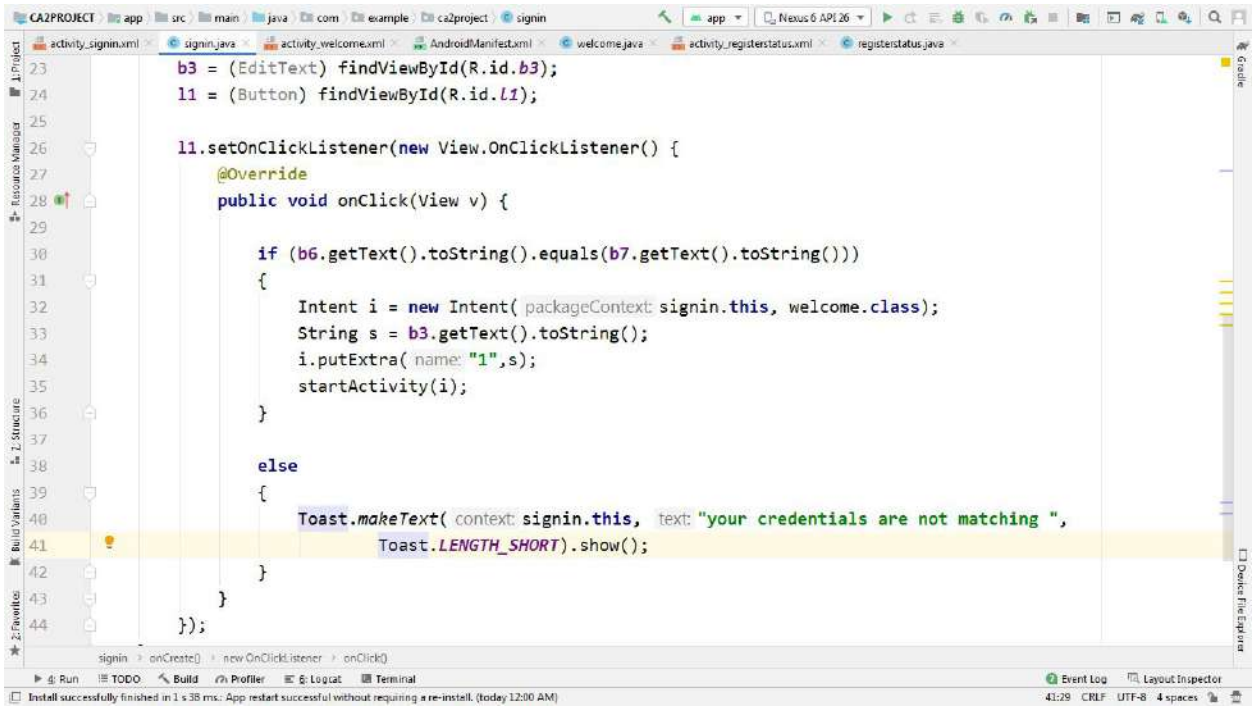


```
            android:layout_height="30dp"
            android:layout_below="@+id/b7"
            android:layout_marginLeft="70dp"
            android:layout_marginTop="25dp"
            android:text="I accept the Terms of Use &amp; Privacy Policy"
            android:textSize="14dp"></TextView>

        <Button
            android:id="@+id/l1"
            android:layout_width="160dp"
            android:layout_height="60dp"
            android:layout_below="@+id/b8"
            android:layout_centerInParent="true"
            android:layout_marginLeft="30dp"
            android:layout_marginTop="20dp"
            android:gravity="center"
            android:paddingLeft="20dp"
            android:text="login"
            android:textSize="30dp"></Button>
    </RelativeLayout>
</RelativeLayout>
```

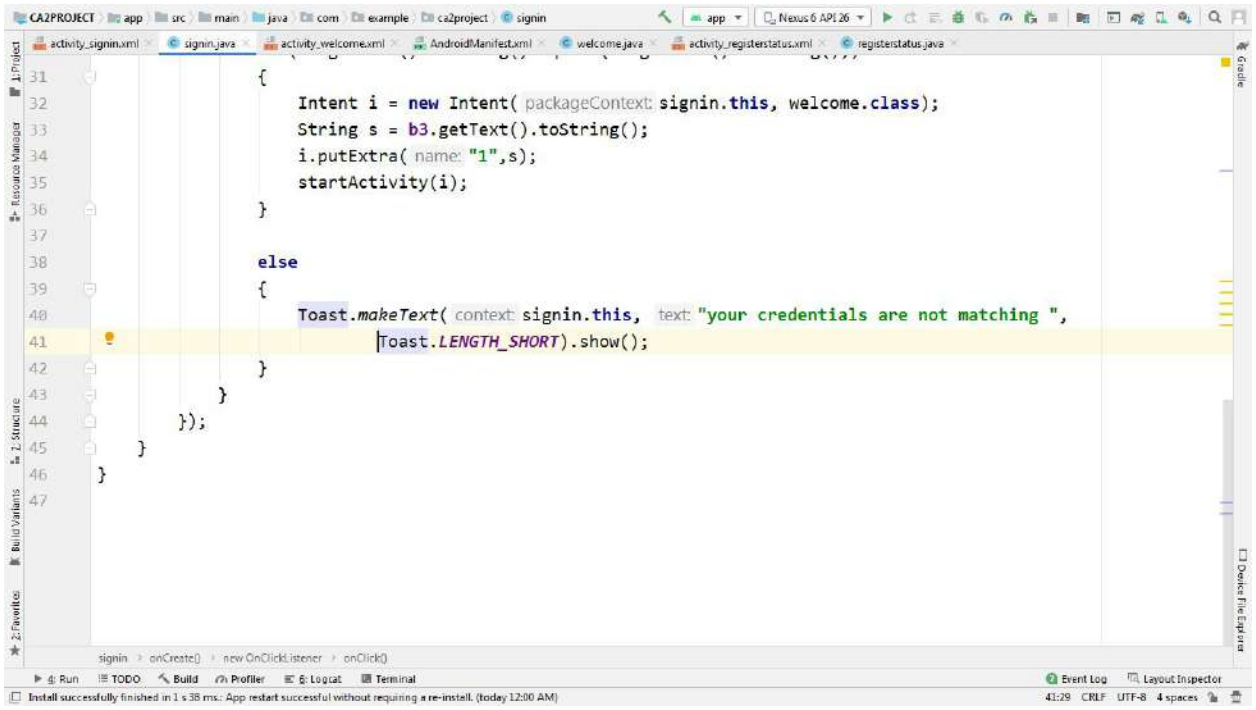
Java file-1Activity:signin



```java
package com.example.ca2project;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

//email-b5,password-b6,confirm password-b7,user-b3,login-l1
public class signin extends AppCompatActivity {
    EditText b5, b6, b7,b3;
    Button l1;

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_signin);
        b5 = (EditText) findViewById(R.id.b5);
        b6 = (EditText) findViewById(R.id.b6);
        b7 = (EditText) findViewById(R.id.b7);
```

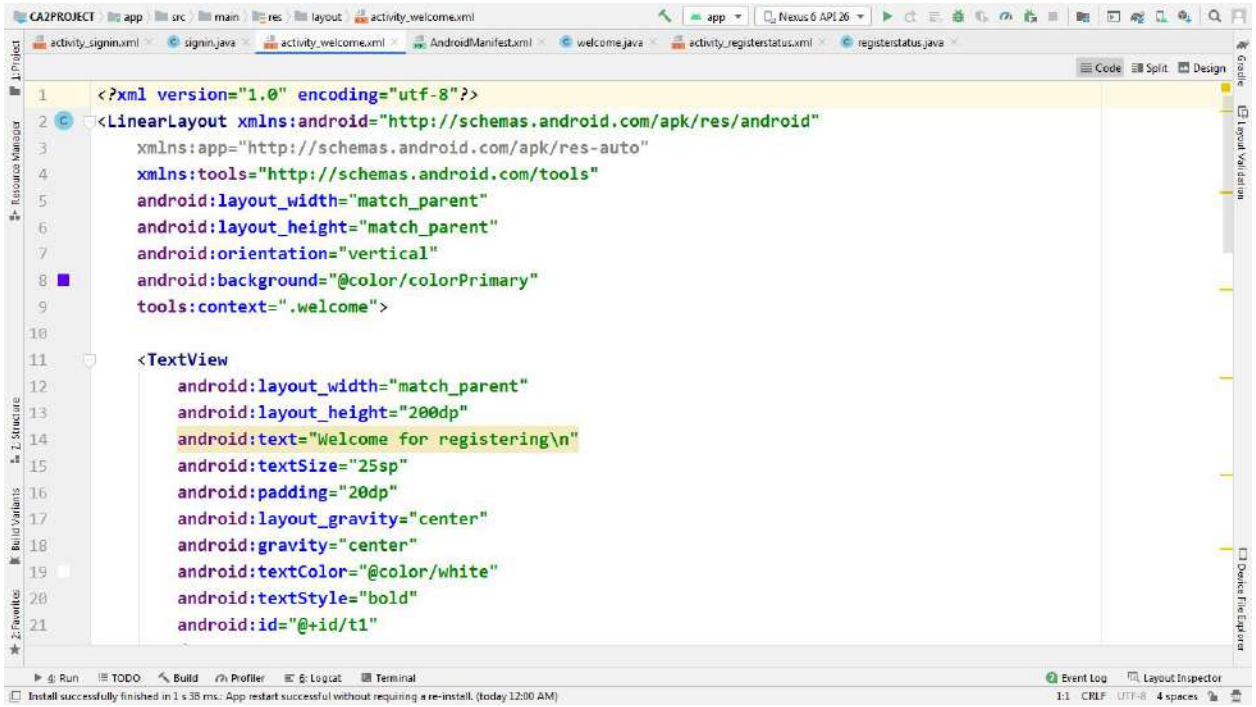


```java
        b3 = (EditText) findViewById(R.id.b3);
        l1 = (Button) findViewById(R.id.l1);

        l1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                if (b6.getText().toString().equals(b7.getText().toString()))
                {
                    Intent i = new Intent( packageContext: signin.this, welcome.class);
                    String s = b3.getText().toString();
                    i.putExtra( name: "1",s);
                    startActivity(i);
                }

                else
                {
                    Toast.makeText( context: signin.this,  text: "your credentials are not matching ",
                            Toast.LENGTH_SHORT).show();
                }
            }
        });
```

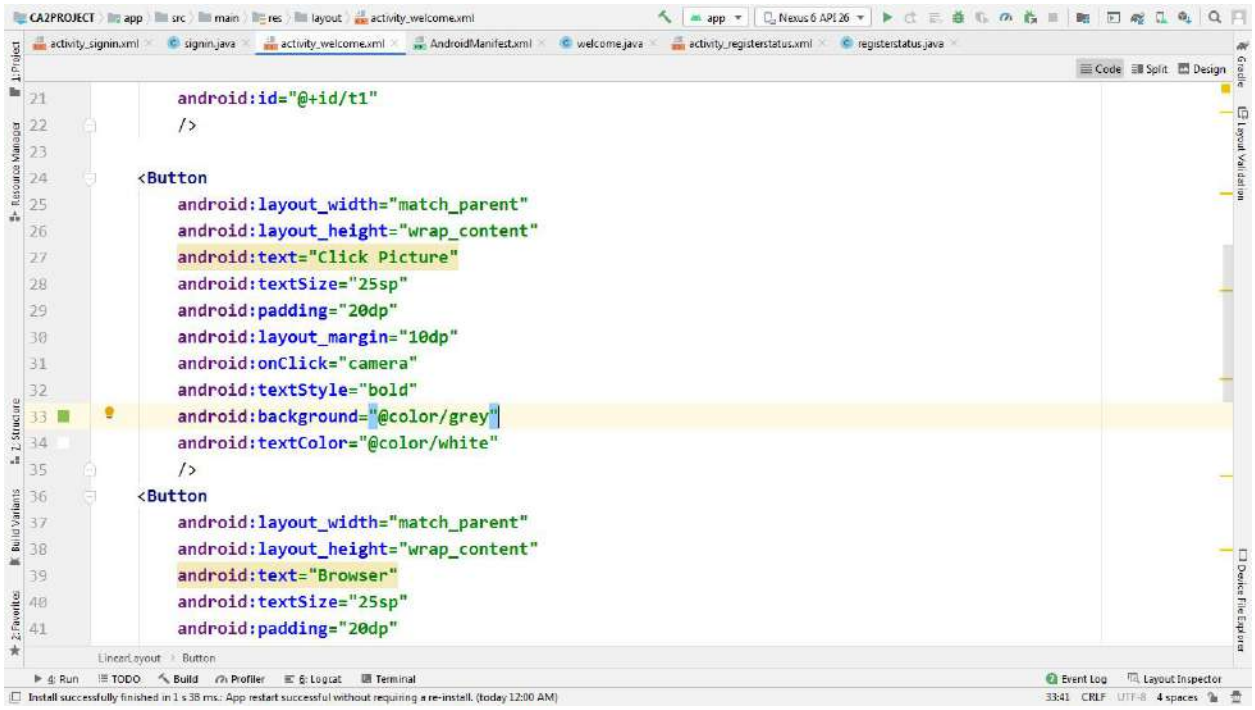


```
                {
                    Intent i = new Intent( packageContext: signin.this, welcome.class);
                    String s = b3.getText().toString();
                    i.putExtra( name: "1",s);
                    startActivity(i);
                }

                else
                {
                    Toast.makeText( context: signin.this,  text: "your credentials are not matching ",
                            Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}
```

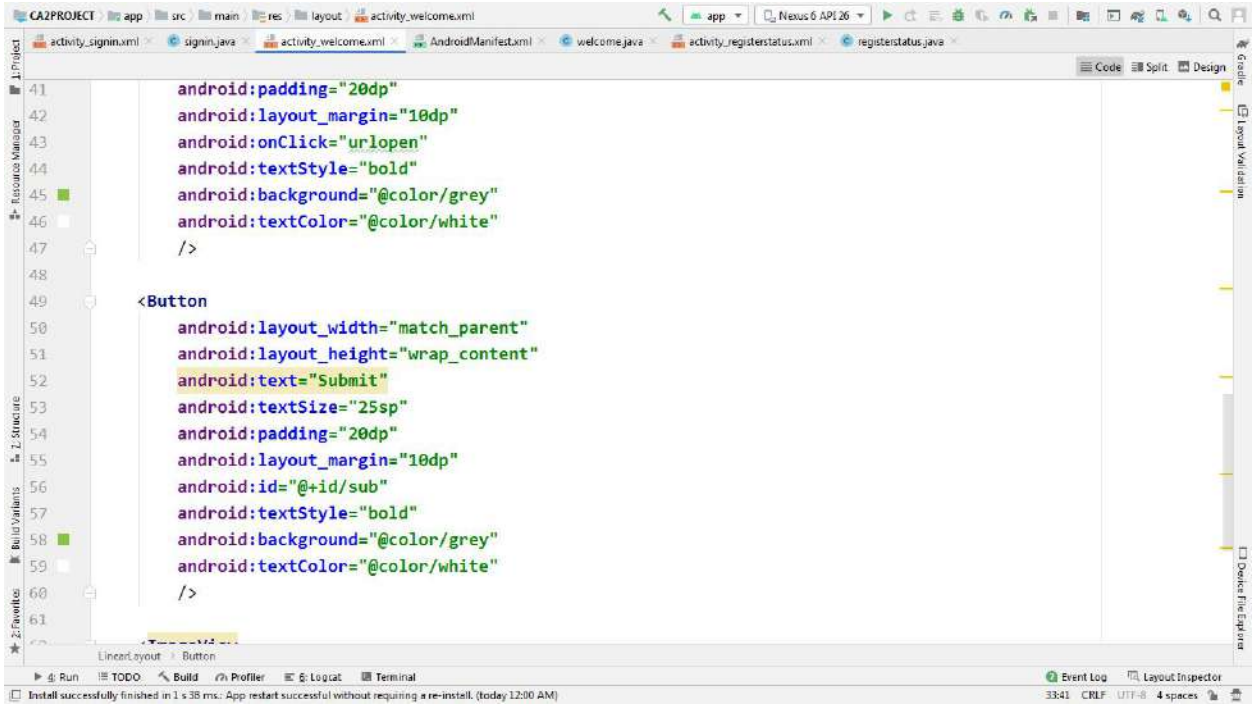
XML-2Activity:welcome



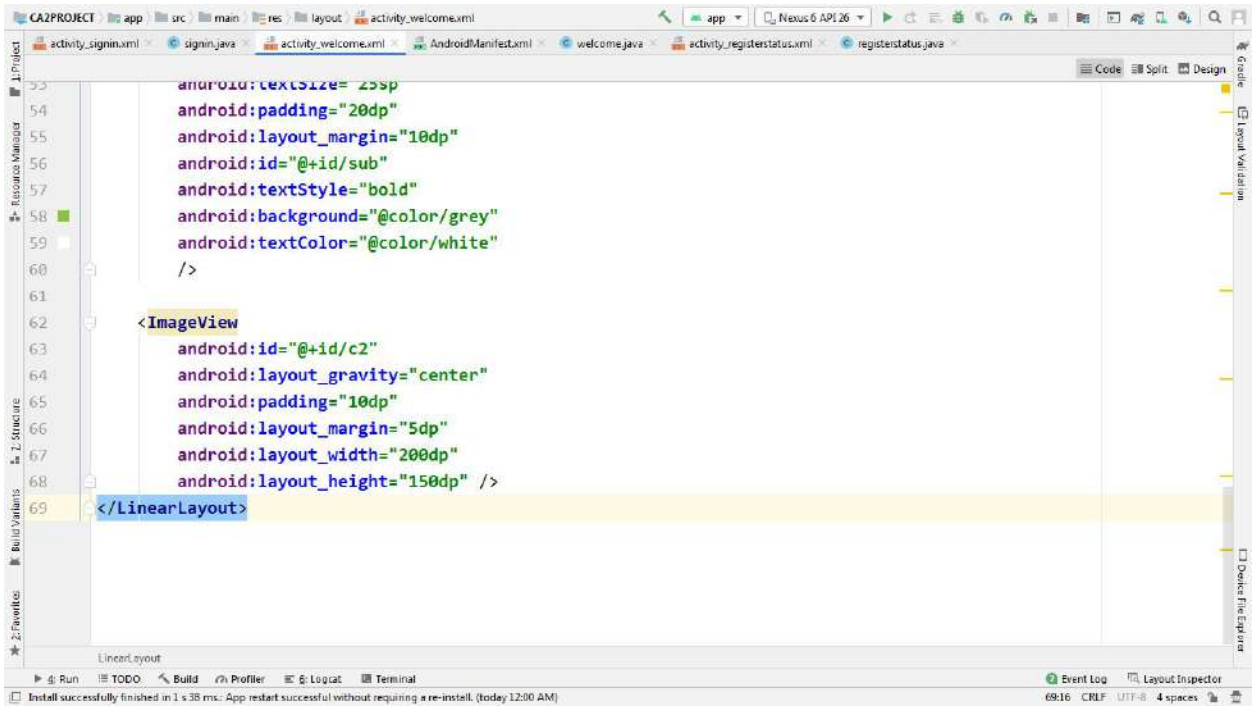
```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:background="@color/colorPrimary"
    tools:context=".welcome">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="200dp"
        android:text="Welcome for registering\n"
        android:textSize="25sp"
        android:padding="20dp"
        android:layout_gravity="center"
        android:gravity="center"
        android:textColor="@color/white"
        android:textStyle="bold"
        android:id="@+id/t1"
```



```
        android:id="@+id/t1"
        />

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Click Picture"
        android:textSize="25sp"
        android:padding="20dp"
        android:layout_margin="10dp"
        android:onClick="camera"
        android:textStyle="bold"
        android:background="@color/grey"
        android:textColor="@color/white"
        />
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Browser"
        android:textSize="25sp"
        android:padding="20dp"
```

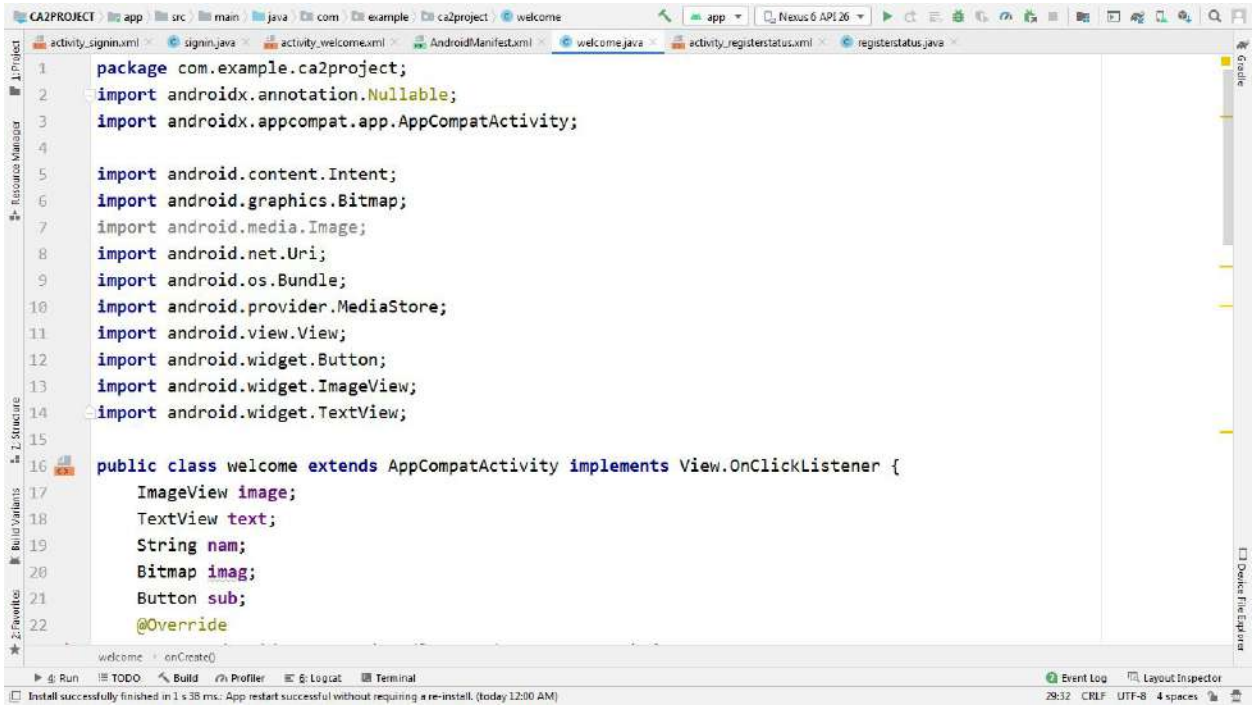


```
        android:padding="20dp"
        android:layout_margin="10dp"
        android:onClick="urlopen"
        android:textStyle="bold"
        android:background="@color/grey"
        android:textColor="@color/white"
        />

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Submit"
        android:textSize="25sp"
        android:padding="20dp"
        android:layout_margin="10dp"
        android:id="@+id/sub"
        android:textStyle="bold"
        android:background="@color/grey"
        android:textColor="@color/white"
        />
```

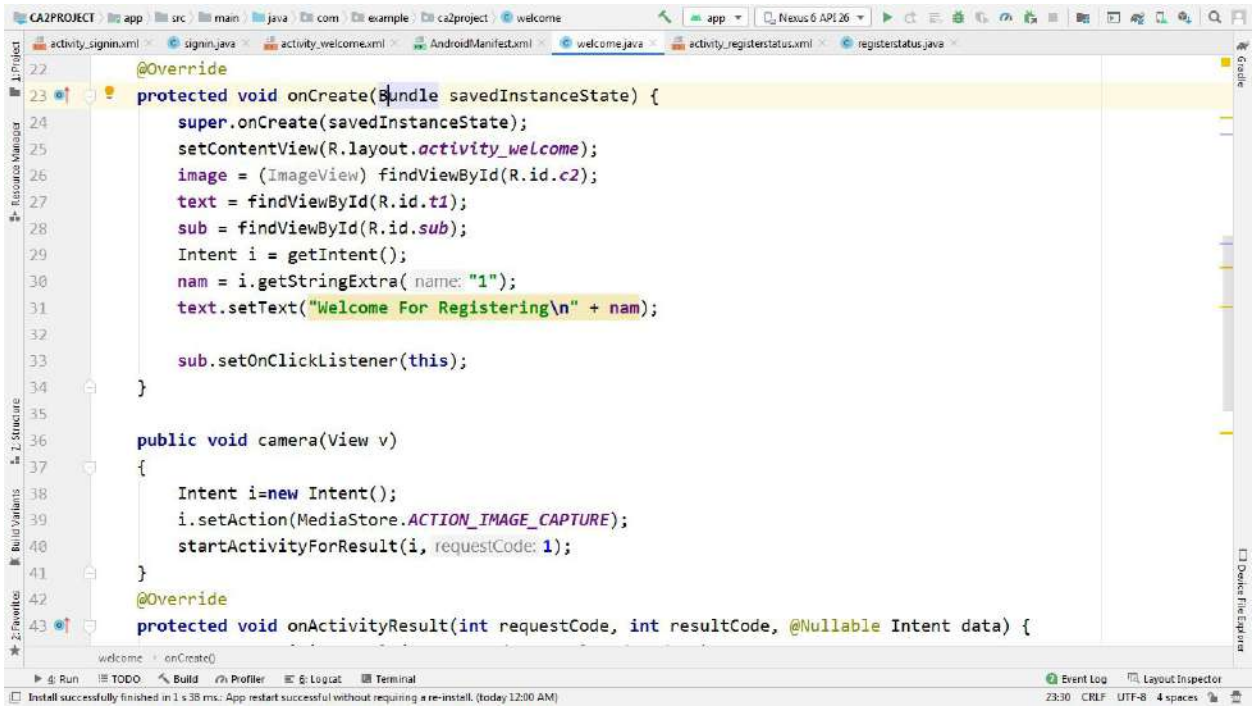


```
        android:textSize="25sp"
        android:padding="20dp"
        android:layout_margin="10dp"
        android:id="@+id/sub"
        android:textStyle="bold"
        android:background="@color/grey"
        android:textColor="@color/white"
        />

    <ImageView
        android:id="@+id/c2"
        android:layout_gravity="center"
        android:padding="10dp"
        android:layout_margin="5dp"
        android:layout_width="200dp"
        android:layout_height="150dp" />
</LinearLayout>
```

JAVAFILE-2Activity:welcome



```
package com.example.ca2project;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.graphics.Bitmap;
import android.media.Image;
import android.net.Uri;
import android.os.Bundle;
import android.provider.MediaStore;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;

public class welcome extends AppCompatActivity implements View.OnClickListener {
    ImageView image;
    TextView text;
    String nam;
    Bitmap imag;
    Button sub;
    @Override
```



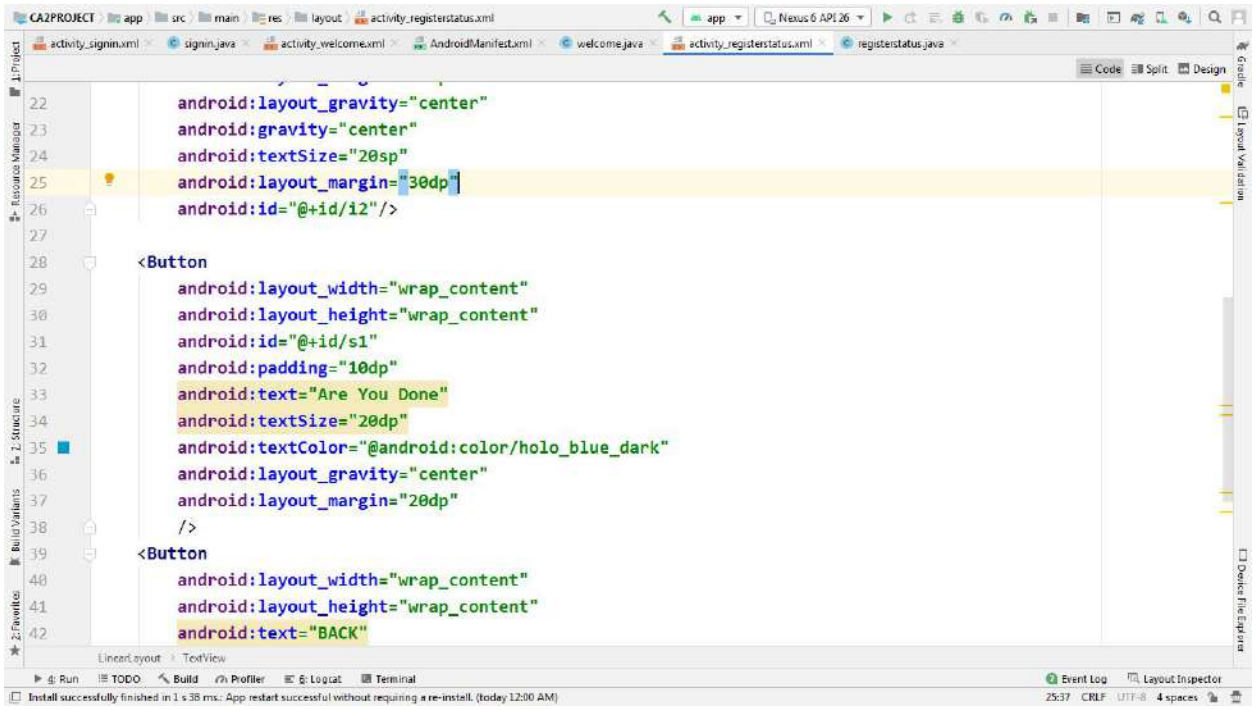
```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_welcome);
    image = (ImageView) findViewById(R.id.c2);
    text = findViewById(R.id.t1);
    sub = findViewById(R.id.sub);
    Intent i = getIntent();
    nam = i.getStringExtra( name: "1");
    text.setText("Welcome For Registering\n" + nam);

    sub.setOnClickListener(this);
}

public void camera(View v)
{
    Intent i=new Intent();
    i.setAction(MediaStore.ACTION_IMAGE_CAPTURE);
    startActivityForResult(i, requestCode: 1);
}
@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
```

```
@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
    super.onActivityResult(requestCode, resultCode, data);
    if (requestCode == 1 && resultCode == RESULT_OK)
    {
        imag = (Bitmap) data.getExtras().get("data");
        image.setImageBitmap(imag);
    }
}

public void urlopen(View v)
{
    Intent i=new Intent();
    i.setAction(Intent.ACTION_VIEW);
    i.setData(Uri.parse("https://www.google.com"));
    startActivity(i);
}

@Override
public void onClick(View view) {
    Intent in = new Intent( packageContext: welcome.this,registerstatus.class);
    in.putExtra( name: "1",nam);
```

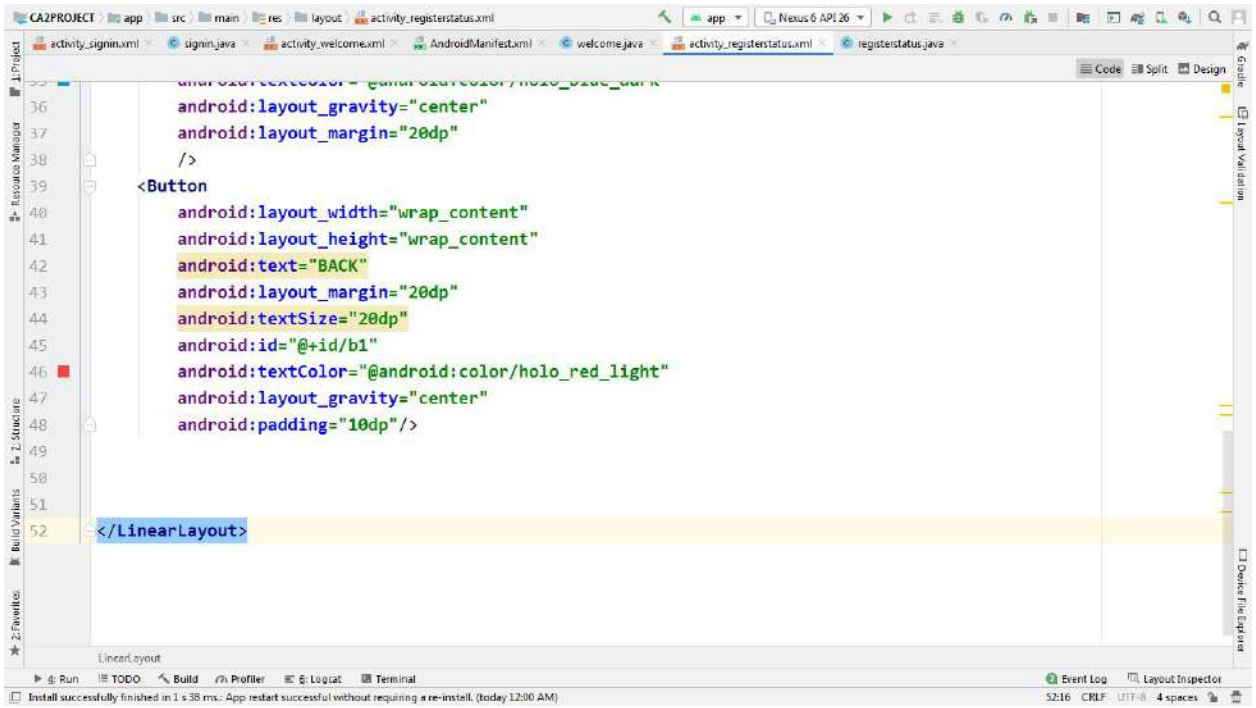
```
51
52      public void urlopen(View v)
53      {
54          Intent i=new Intent();
55          i.setAction(Intent.ACTION_VIEW);
56          i.setData(Uri.parse("https://www.google.com"));
57          startActivity(i);
58      }
59
60      @Override
61      public void onClick(View view) {
62          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

```
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"
```

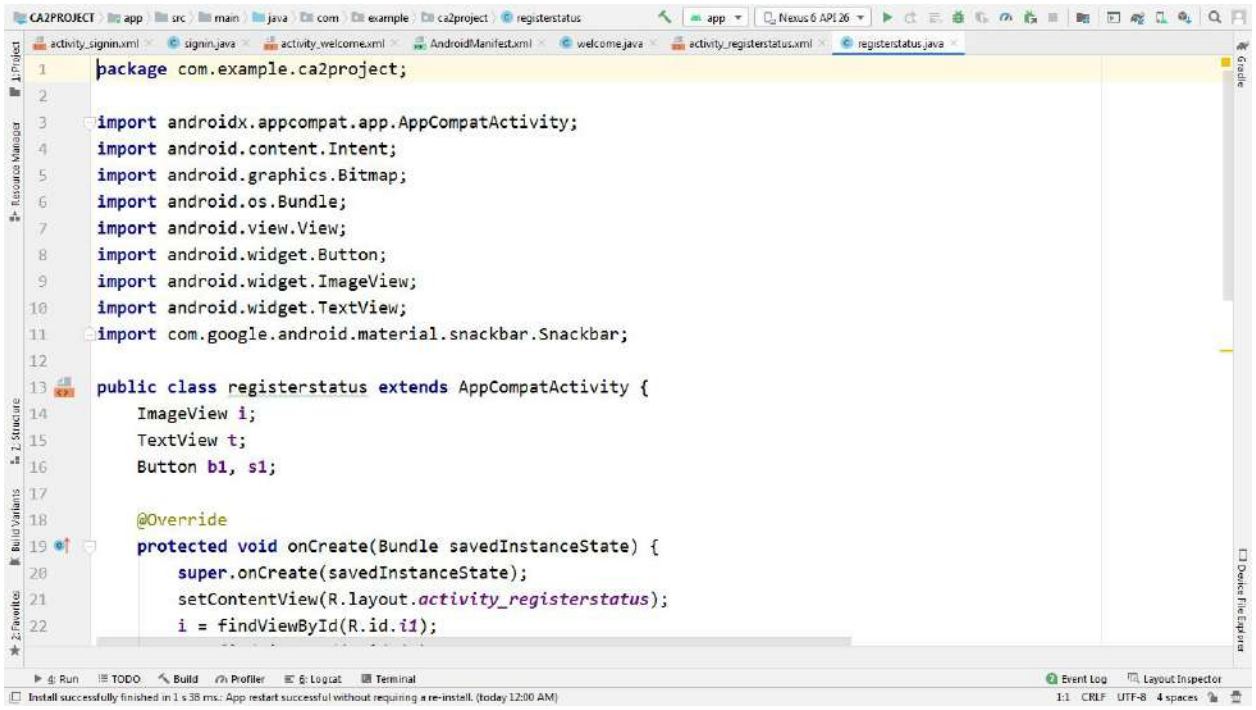


```
        android:layout_gravity="center"
        android:gravity="center"
        android:textSize="20sp"
        android:layout_margin="30dp"
        android:id="@+id/i2"/>

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/s1"
        android:padding="10dp"
        android:text="Are You Done"
        android:textSize="20dp"
        android:textColor="@android:color/holo_blue_dark"
        android:layout_gravity="center"
        android:layout_margin="20dp"
        />
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="BACK"
```

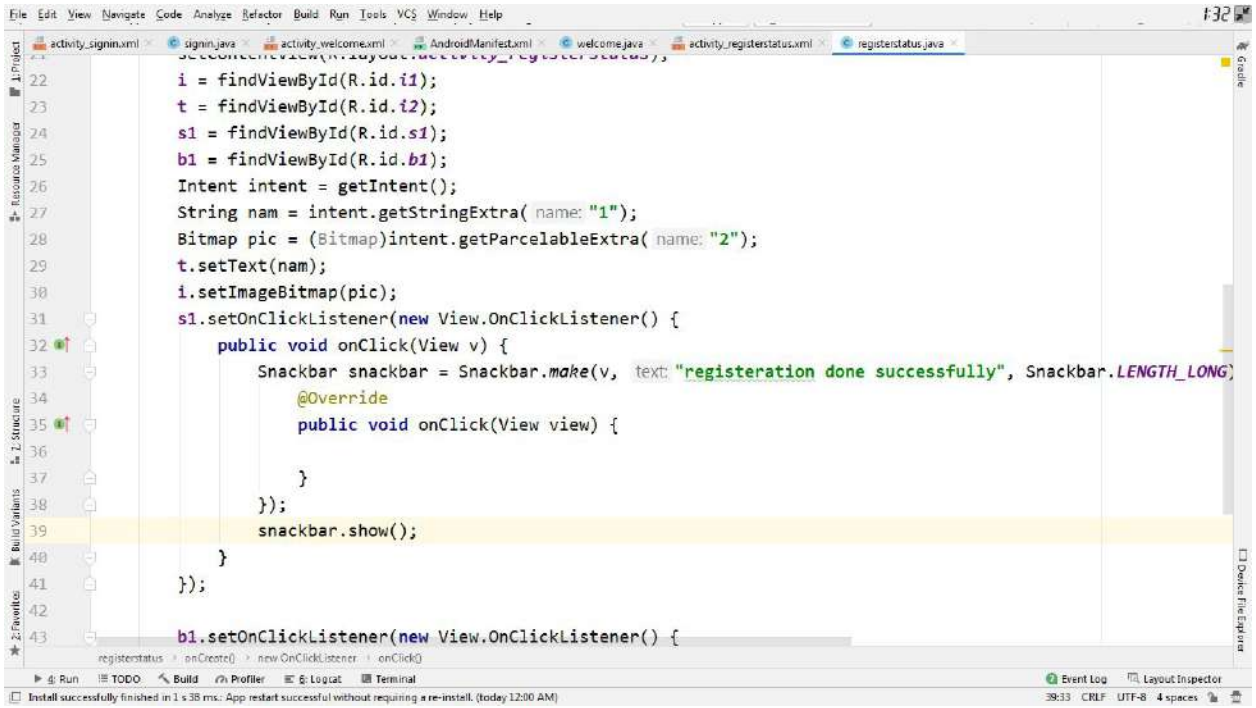


```
        android:layout_gravity="center"
        android:layout_margin="20dp"
        />
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="BACK"
        android:layout_margin="20dp"
        android:textSize="20dp"
        android:id="@+id/b1"
        android:textColor="@android:color/holo_red_light"
        android:layout_gravity="center"
        android:padding="10dp"/>


</LinearLayout>
```

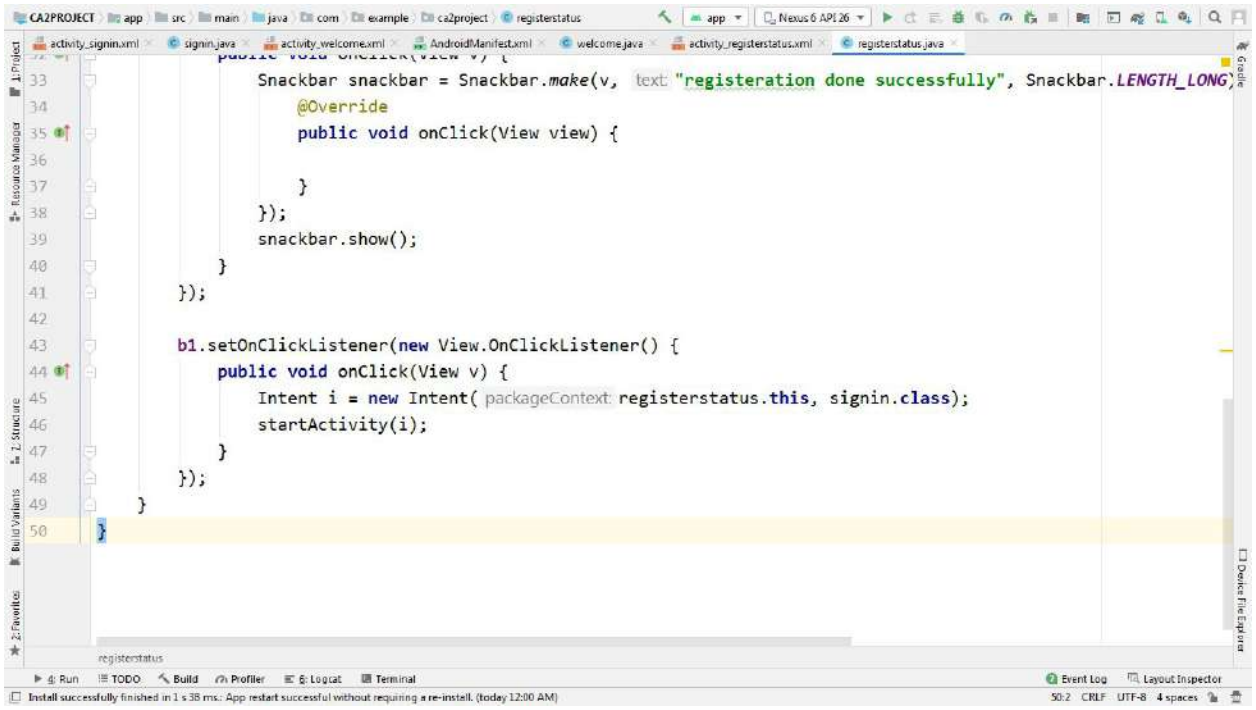
JAVA:3Activity:registerstatus



```java
package com.example.ca2project;

import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.graphics.Bitmap;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;
import com.google.android.material.snackbar.Snackbar;

public class registerstatus extends AppCompatActivity {
    ImageView i;
    TextView t;
    Button b1, s1;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_registerstatus);
        i = findViewById(R.id.i1);
```

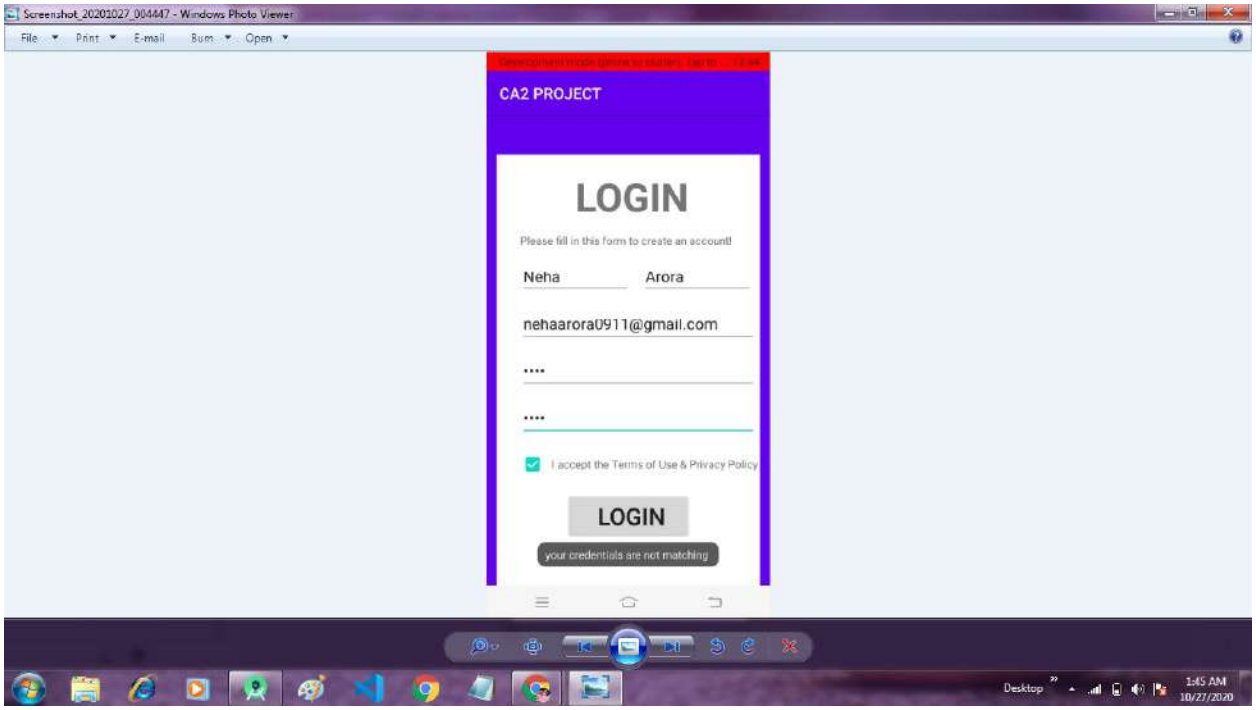


```java
        i = findViewById(R.id.i1);
        t = findViewById(R.id.i2);
        s1 = findViewById(R.id.s1);
        b1 = findViewById(R.id.b1);
        Intent intent = getIntent();
        String nam = intent.getStringExtra( name: "1");
        Bitmap pic = (Bitmap)intent.getParcelableExtra( name: "2");
        t.setText(nam);
        i.setImageBitmap(pic);
        s1.setOnClickListener(new View.OnClickListener() {
            public void onClick(View v) {
                Snackbar snackbar = Snackbar.make(v,  text: "registeration done successfully", Snackbar.LENGTH_LONG)
                    @Override
                    public void onClick(View view) {

                    }
                });
                snackbar.show();
            }
        });

        b1.setOnClickListener(new View.OnClickListener() {
```

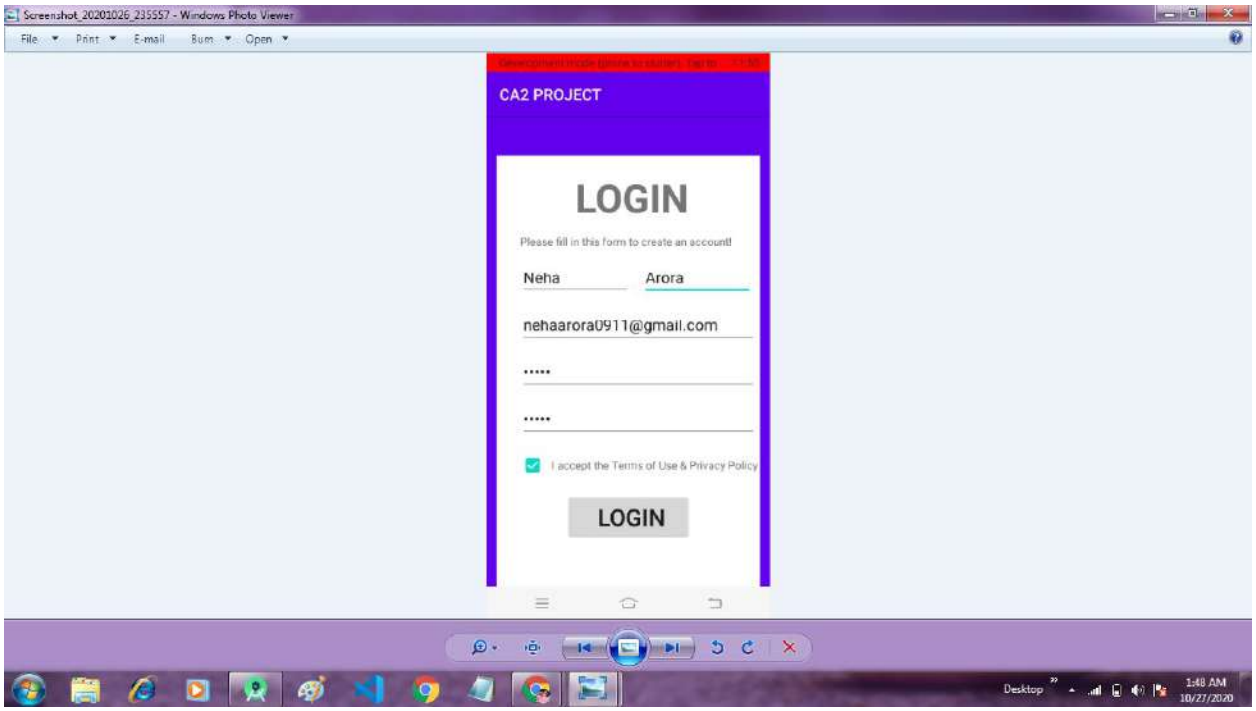


OUTPUT:

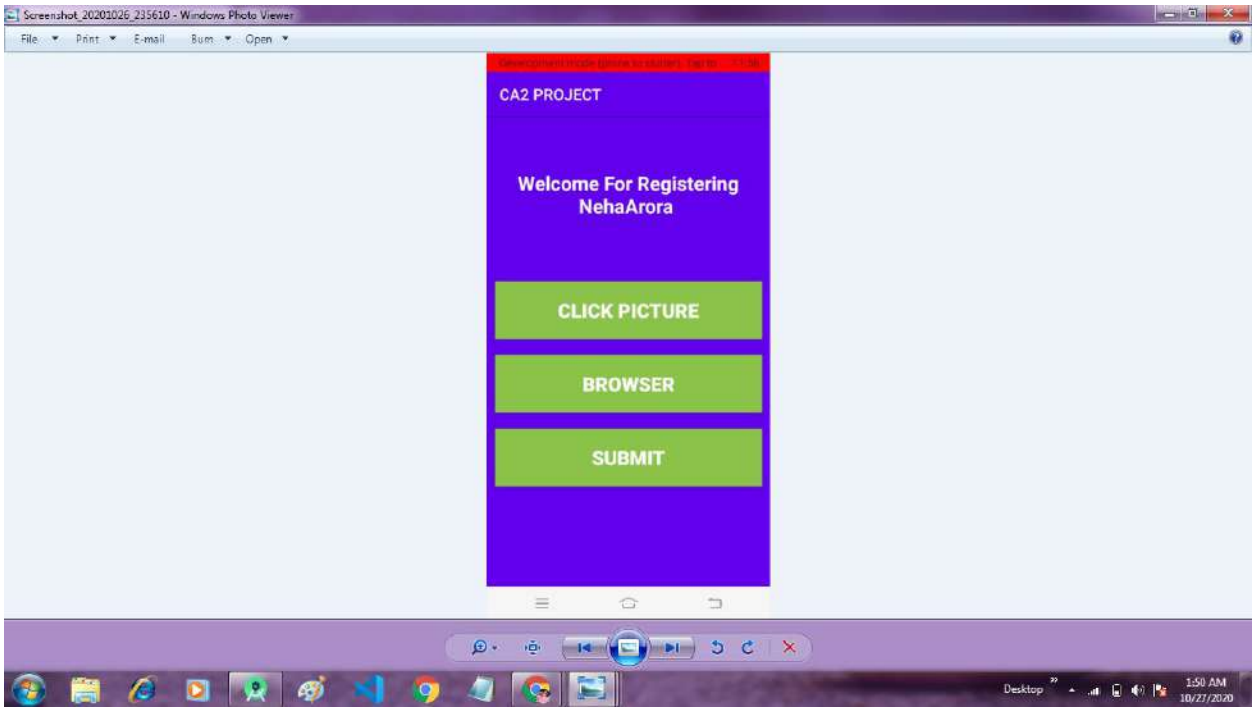
1.when credentials are not matching.



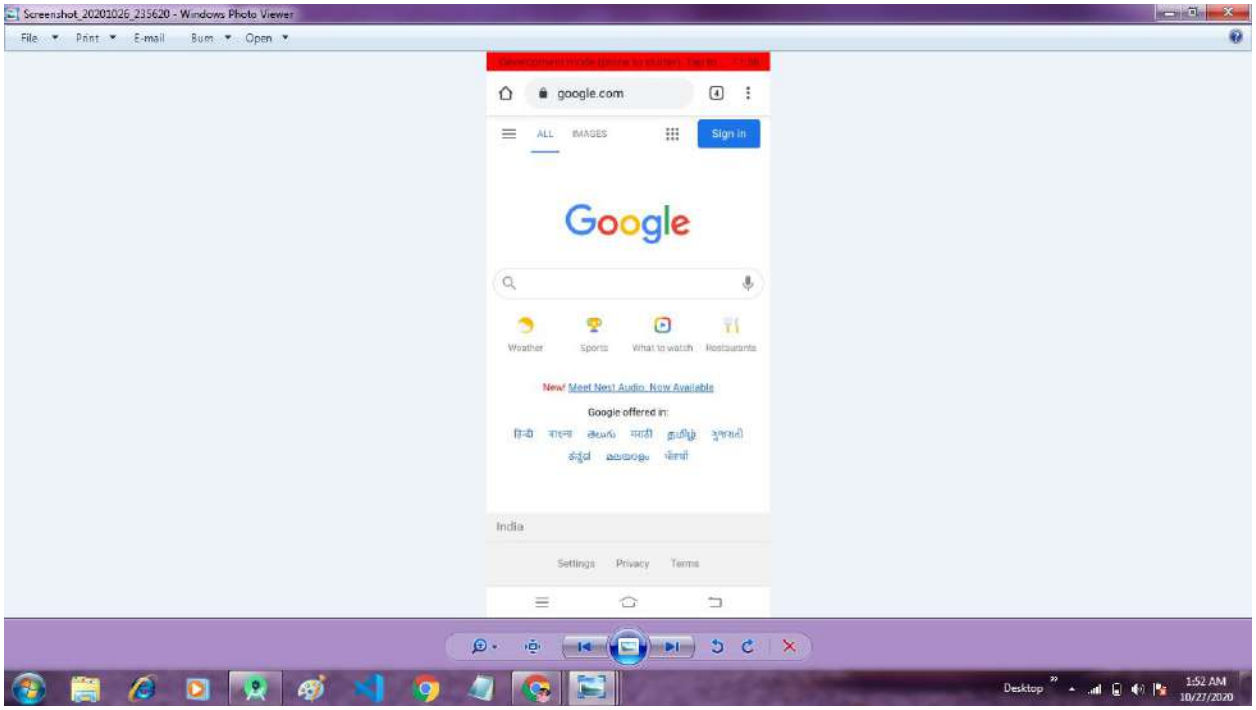
2. When credentials are matching



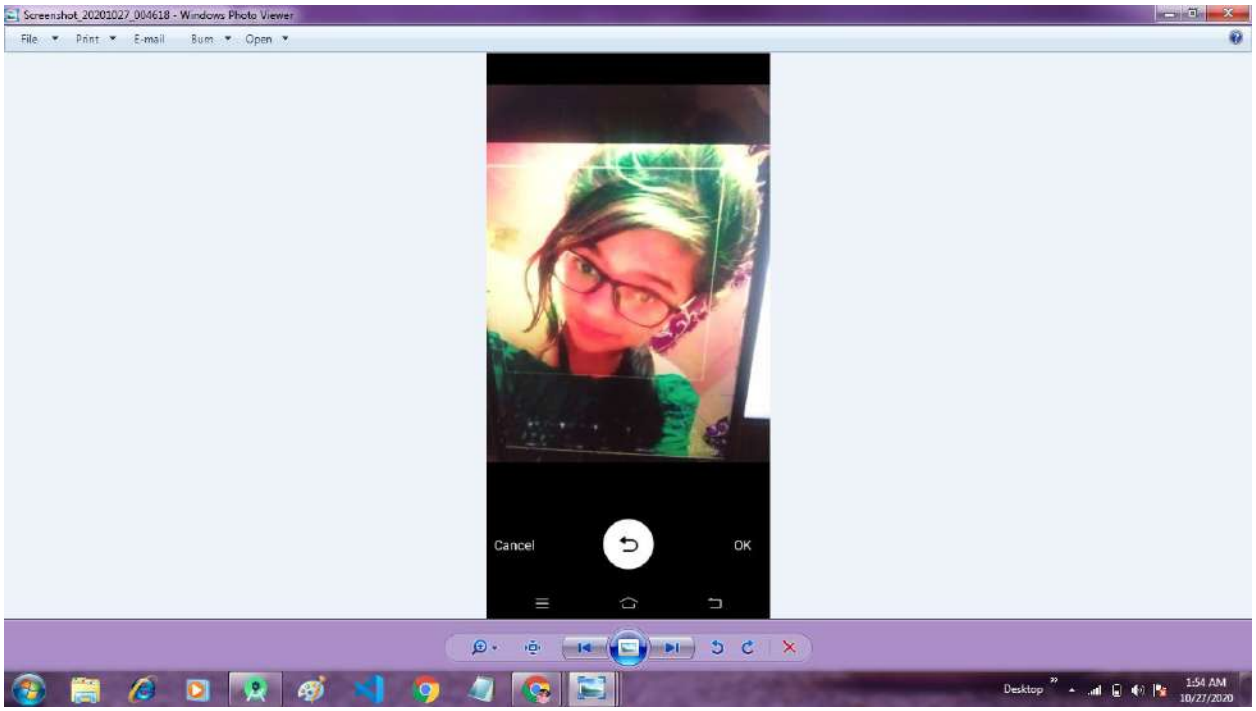
3.When i clicked on login it takes me back to the welcome activity (2 activity)



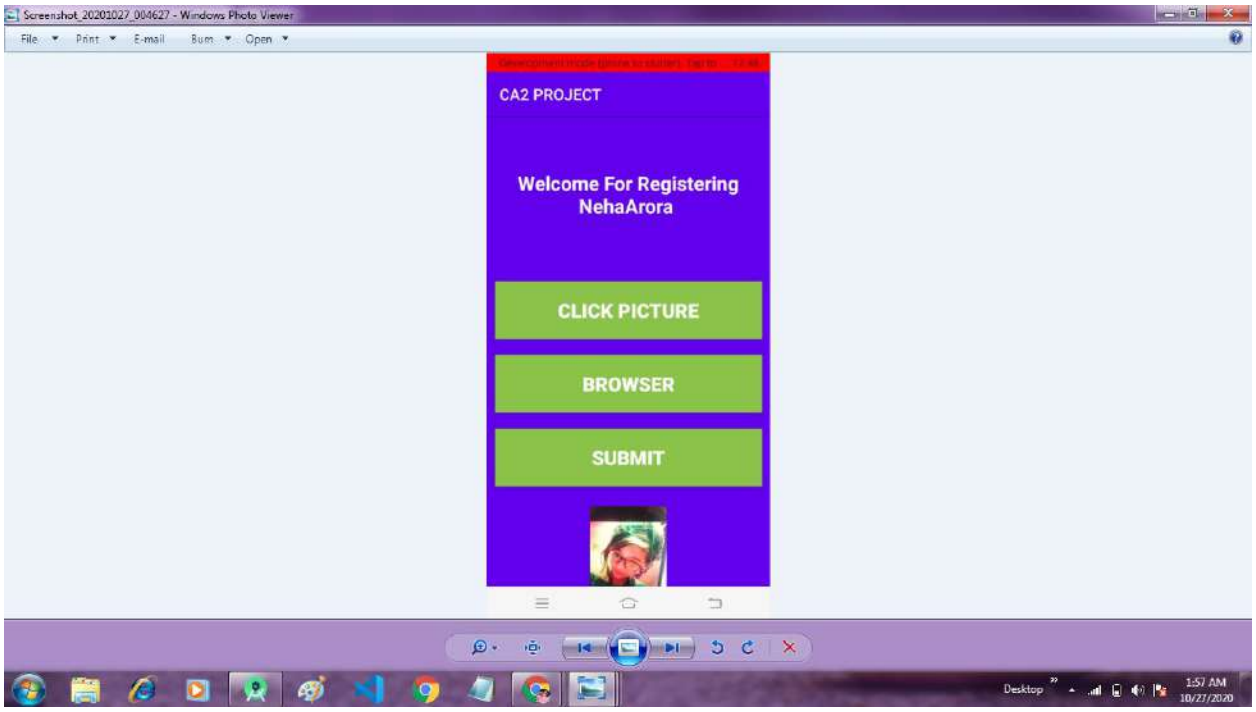
4.When i clicked on the browser it just open the google.



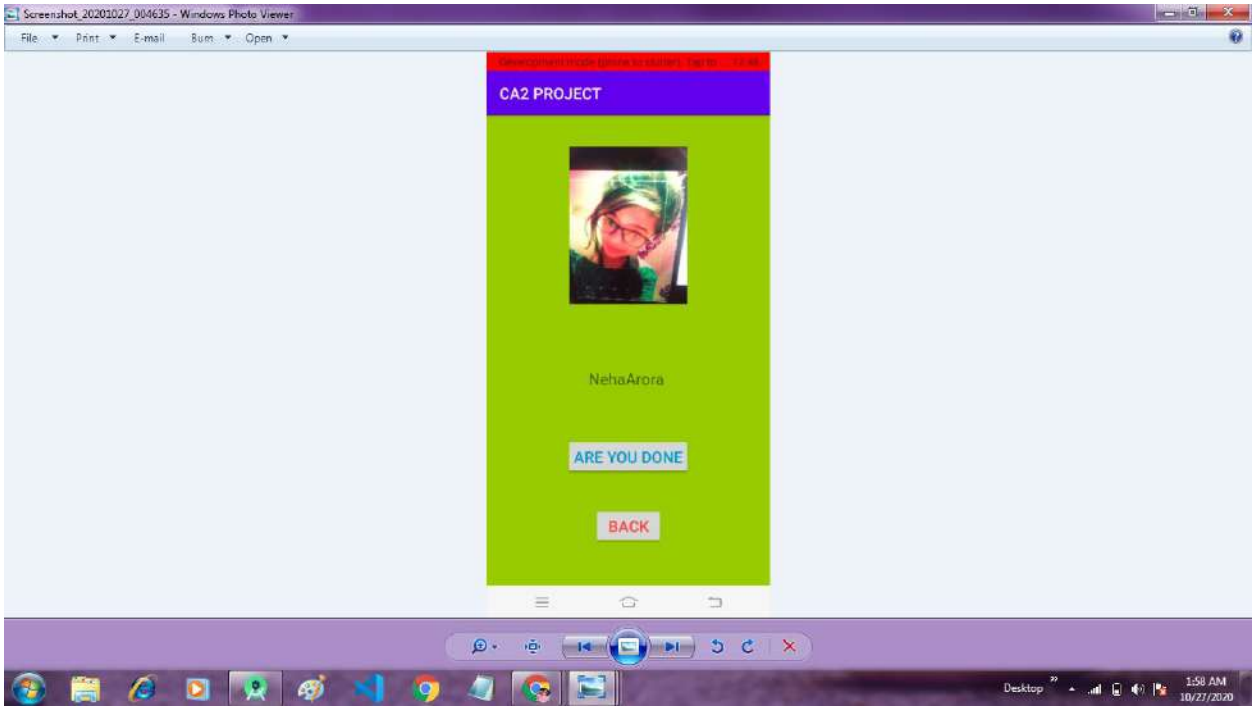
5. When I click on click picture it will open my camera and take the image.



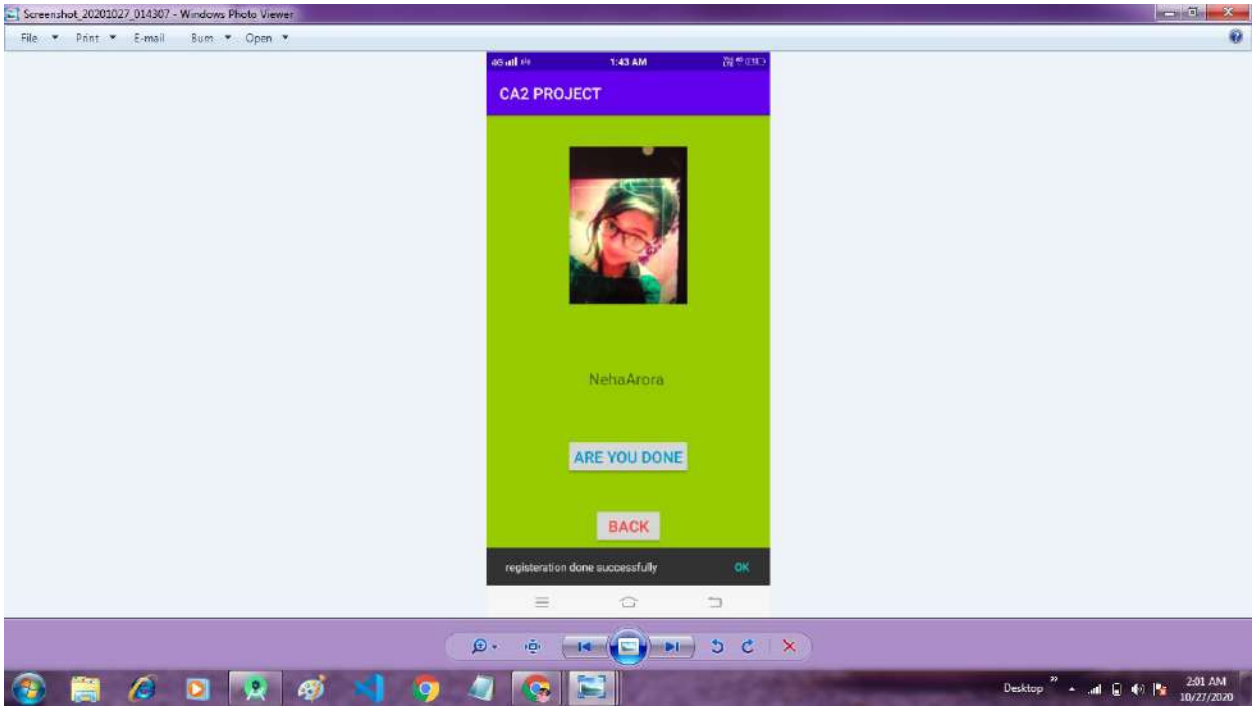
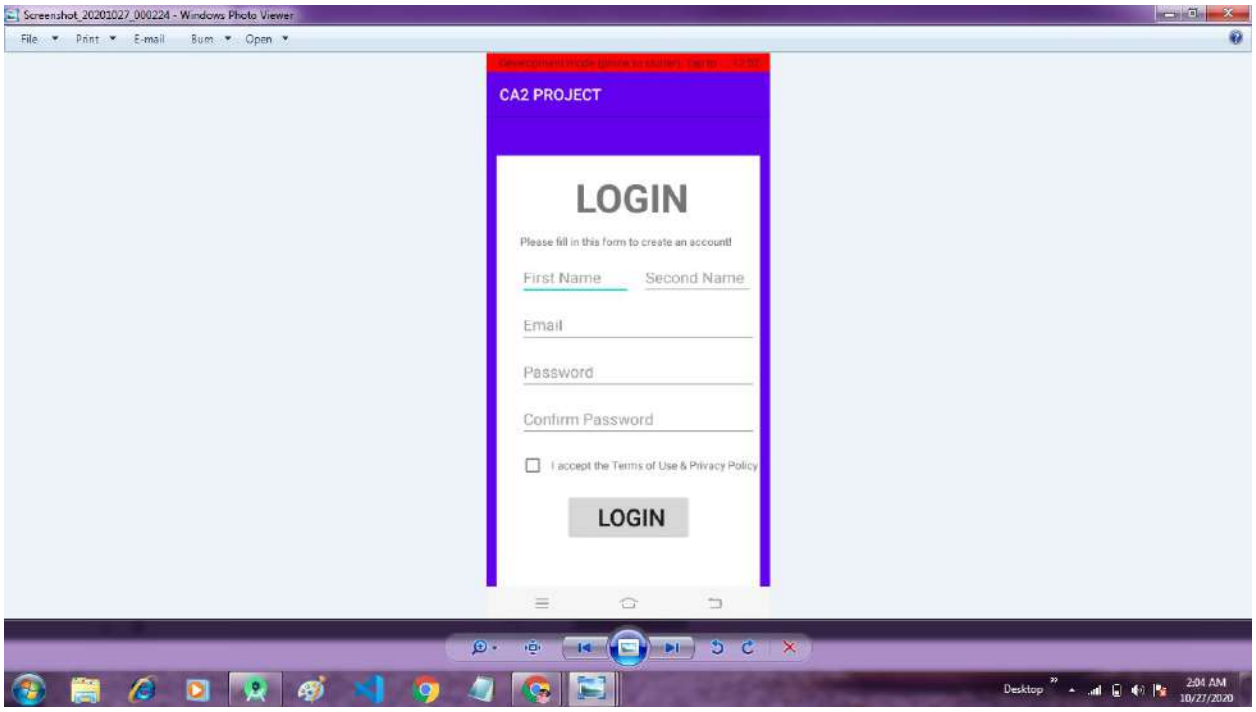
6.When i clicked the picture and clicked ok it will set it to my welcome page(2 activity).



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).