

WEEK-10

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-

Sending message back to MainActivity

Activity_main.xml :

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/LinearLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context=".MainActivity">
    <TextView
        android:id="@+id/tvOutput"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
```

```
android:text="Welcome Guest"/>
```

```
<Button
```

```
    android:id="@+id/btnSetName"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_gravity="center"
```

```
    android:onClick="setName"
```

```
    android:text="Set Name"/>
```

```
</LinearLayout>
```

MainActivity.java

```
package dialog.com.activityforresults;
```

```
import android.app.Activity;
```

```
import android.content.Intent;
```

```
import android.support.v7.app.ActionBarActivity;
```

```
import android.os.Bundle;
```

```
import android.view.Menu;
```

```
import android.view.MenuItem;
```

```
import android.view.View;
```

```
import android.widget.TextView;
```

```
public class MainActivity extends Activity {
```

```
    private static final int REQUEST_CODE_NAME=0;
```

```
    private TextView tvOutput;
```

```
    @Override
```

```

protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_main);

    tvOutput=(TextView)findViewById(R.id.tvOutput);

}

public void setName(View view)

{

    Intent intent=new Intent(this,SecondActivity.class);

    startActivityForResult(intent,REQUEST_CODE_NAME);

}

protected void onActivityResult(int requestCode,int resultCode,Intent data)

{

    super.onActivityResult(requestCode,resultCode,data);

    if(requestCode==REQUEST_CODE_NAME)

    {

        if(resultCode==RESULT_OK)

        {

            String name=data.getStringExtra("name");

            tvOutput.setText("Welcome back "+name);

        }

    }

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

    // Inflate the menu; this adds items to the action bar if it is present.

```

```

        getMenuInflater().inflate(R.menu.menu_main, menu);

        return true;
    }

    @Override

    public boolean onOptionsItemSelected(MenuItem item) {

        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.action_settings) {

            return true;
        }

        return super.onOptionsItemSelected(item);
    }
}

```

Activity_second.xml

```

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:id="@+id/LinearLayout1"

    android:layout_width="match_parent"

    android:layout_height="match_parent"

    android:orientation="vertical">

    <EditText

        android:id="@+id/etName"

```

```
        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:ems="10"

        android:hint="Enter Your name..">

        <requestFocus />

    </EditText>

    <Button

        android:id="@+id/btnSubmit"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_gravity="center"

        android:onClick="submitName"

        android:text="SUBMIT "/>

</LinearLayout>
```

SecondActivity.java

```
package dialog.com.activityforresults;

import android.app.Activity;

import android.content.Intent;

import android.support.v7.app.ActionBarActivity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.widget.EditText;

public class SecondActivity extends Activity {
```

@Override

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_second);
```

```
}
```

```
public void submitName(View view)
```

```
{
```

```
    EditText etName=(EditText)findViewById(R.id.etName);
```

```
    String name=etName.getText().toString();
```

```
    Intent intent=new Intent();
```

```
    intent.putExtra("name",name);
```

```
    setResult(RESULT_OK,intent);
```

```
    //closes current activity
```

```
    finish();
```

```
}
```

@Override

```
public boolean onCreateOptionsMenu(Menu menu) {
```

```
    // Inflate the menu; this adds items to the action bar if it is present.
```

```
    getMenuInflater().inflate(R.menu.menu_second, menu);
```

```
    return true;
```

```
}
```

@Override

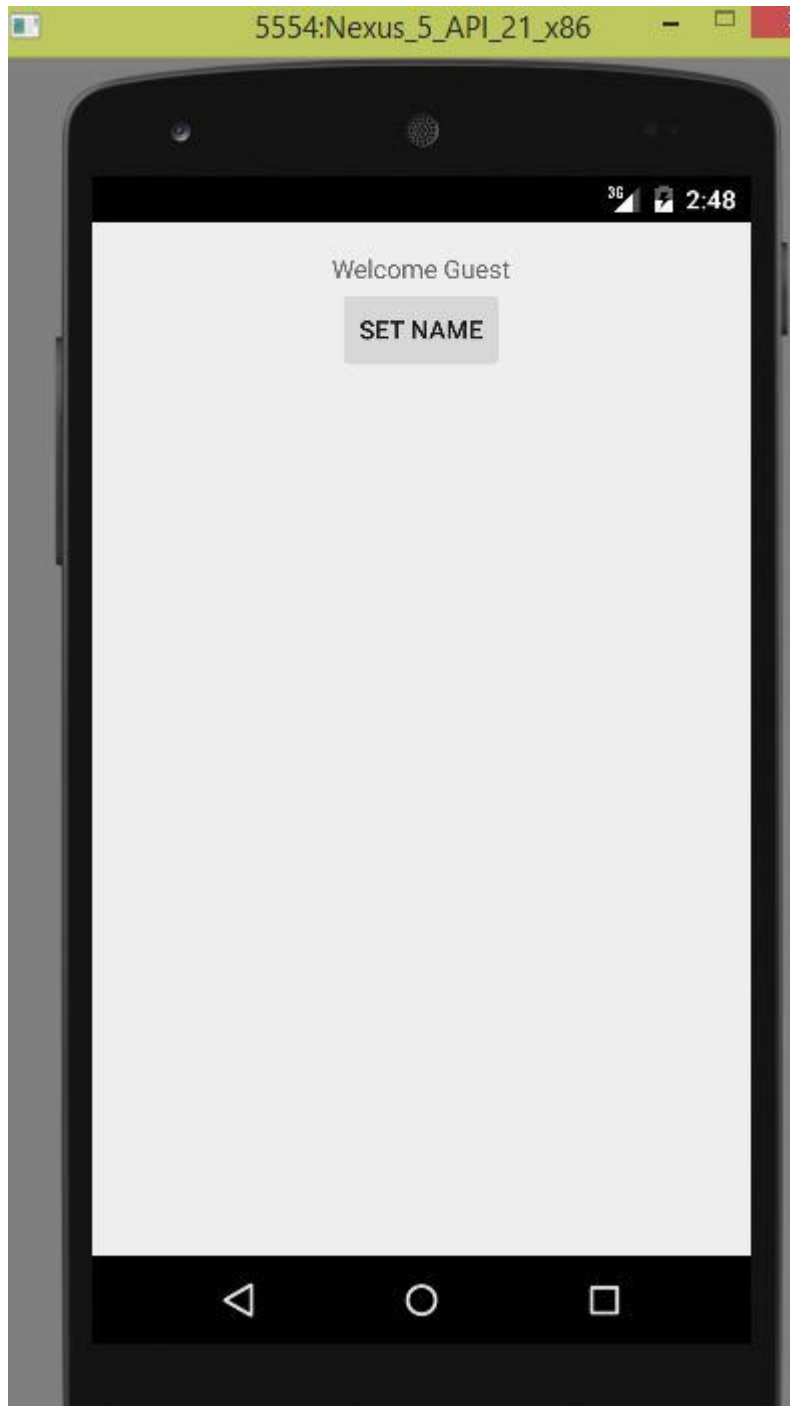
```
public boolean onOptionsItemSelected(MenuItem item) {
```

```
    // Handle action bar item clicks here. The action bar will
```

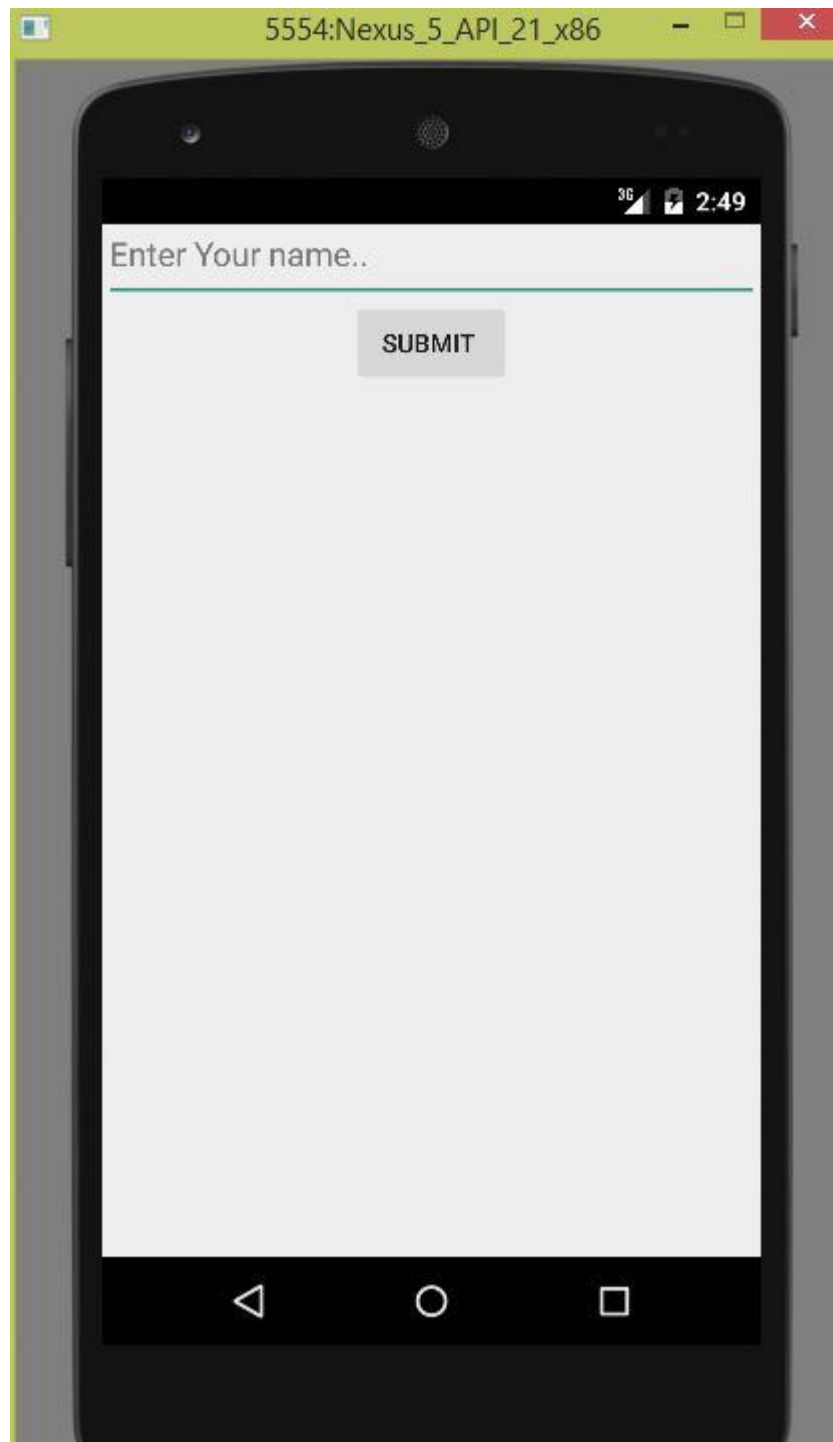
```
    // automatically handle clicks on the Home/Up button, so long
```

```
// as you specify a parent activity in AndroidManifest.xml.  
  
int id = item.getItemId();  
  
//noinspection SimplifiableIfStatement  
if (id == R.id.action_settings) {  
    return true;  
}  
  
return super.onOptionsItemSelected(item);  
}  
}
```

OUTPUT :



Click on Set Name button :



Type Name in TextView



Click on submit button : Message sent back to MainActivity

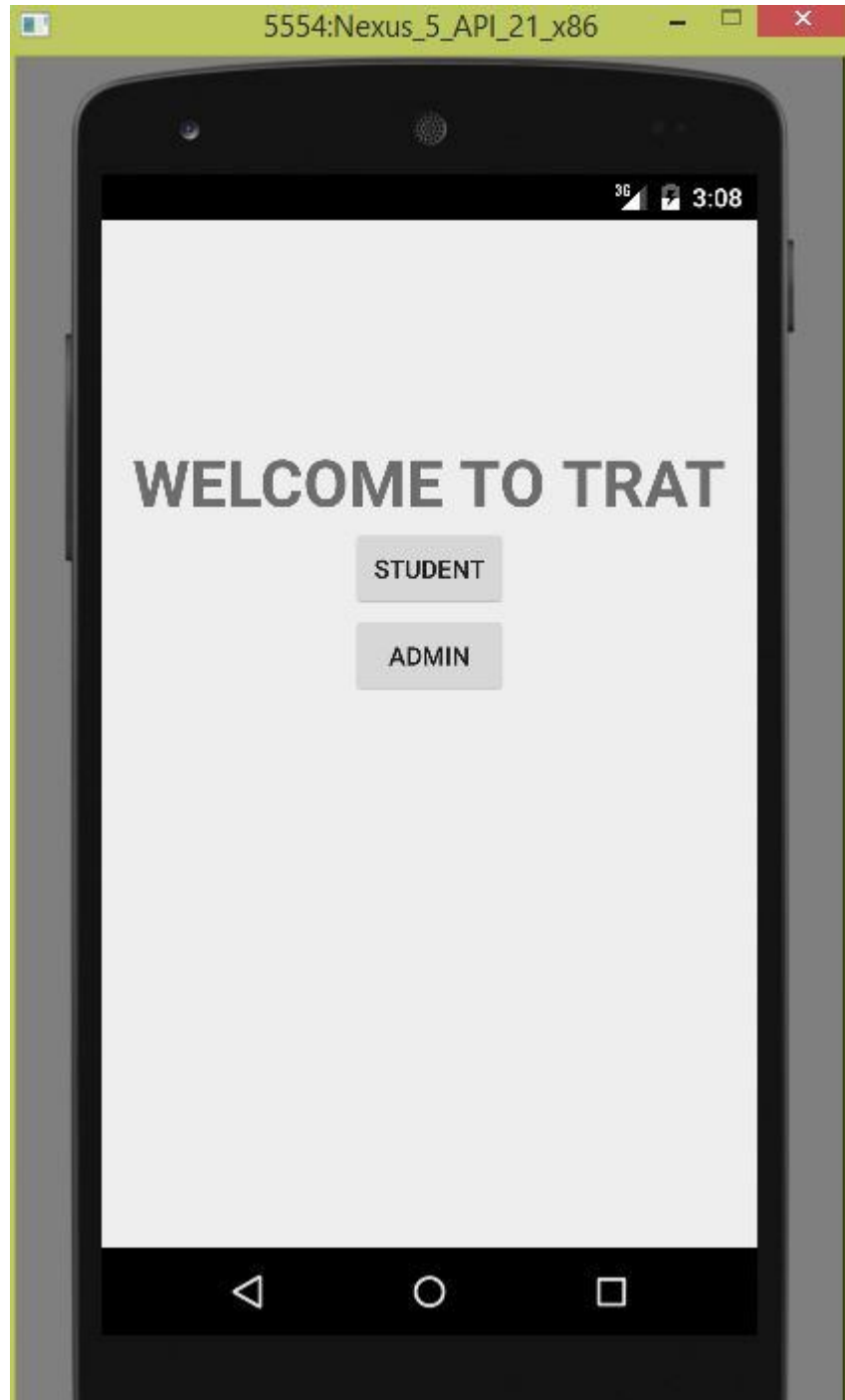


Team Readiness Assurance Test (RAT)

LOGO



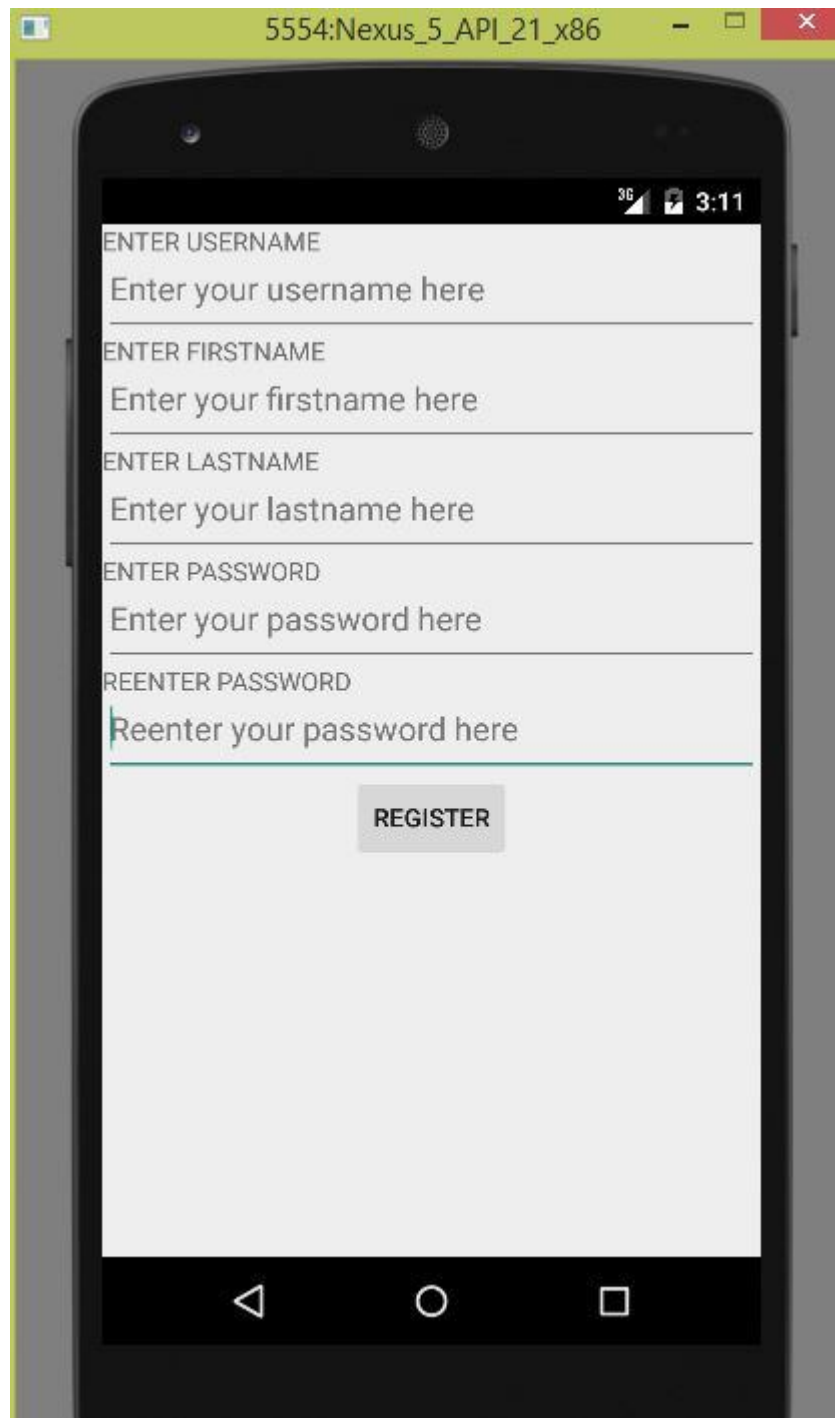
MainScreen



Student Login Window after clicking on student button on main screen



Student Signup Window after clicking on signup button on student login window



The image shows a screenshot of a student signup window displayed on a Nexus 5 emulator. The window is titled "5554:Nexus_5_API_21_x86" and features a standard Android interface with a status bar at the top showing "3G" and the time "3:11". The signup form consists of five text input fields, each with a label above it: "ENTER USERNAME", "ENTER FIRSTNAME", "ENTER LASTNAME", "ENTER PASSWORD", and "REENTER PASSWORD". Each field contains a placeholder text "Enter your [field name] here". Below the password fields is a "REGISTER" button. The emulator's navigation bar at the bottom shows the back, home, and recent apps buttons.

5554:Nexus_5_API_21_x86

3G 3:11

ENTER USERNAME
Enter your username here

ENTER FIRSTNAME
Enter your firstname here

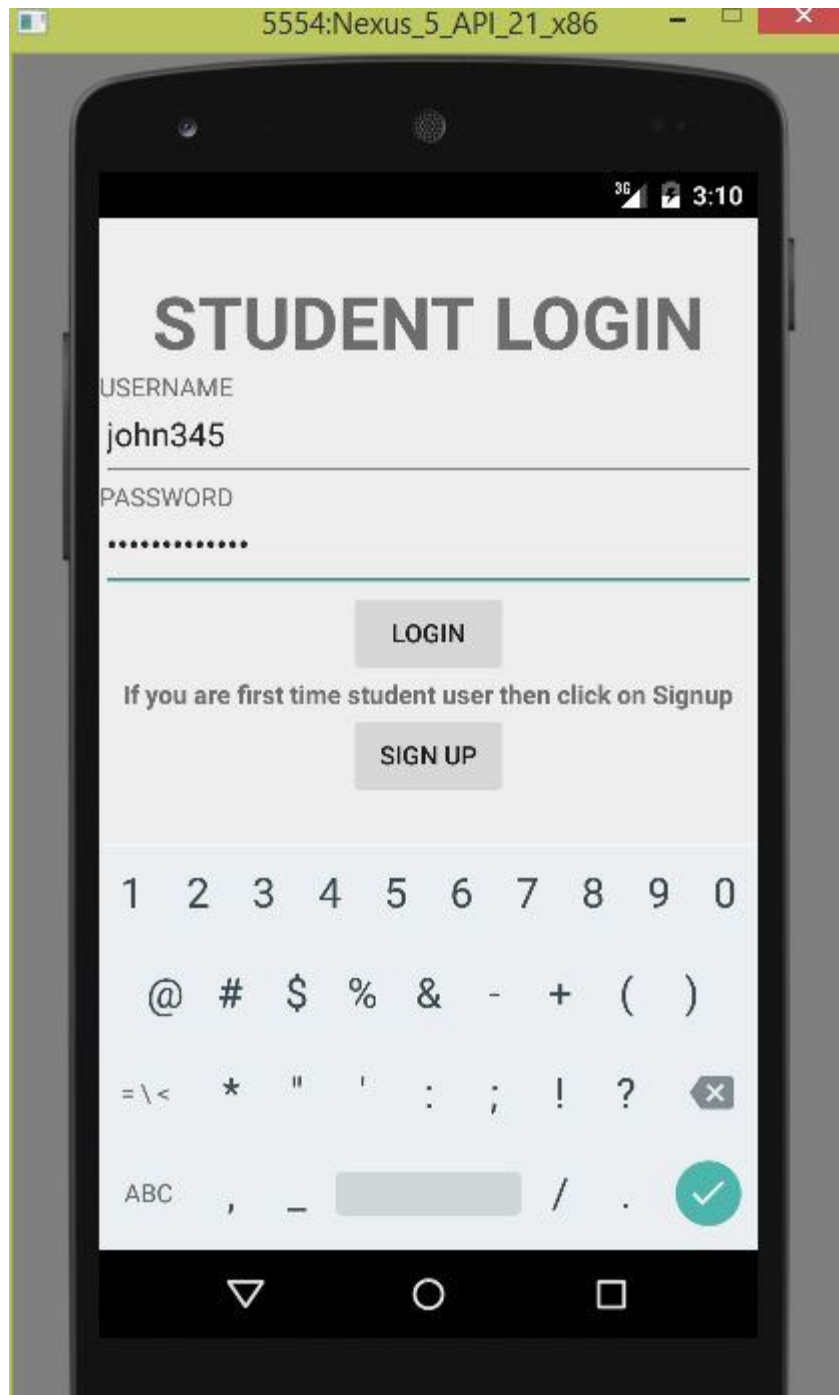
ENTER LASTNAME
Enter your lastname here

ENTER PASSWORD
Enter your password here

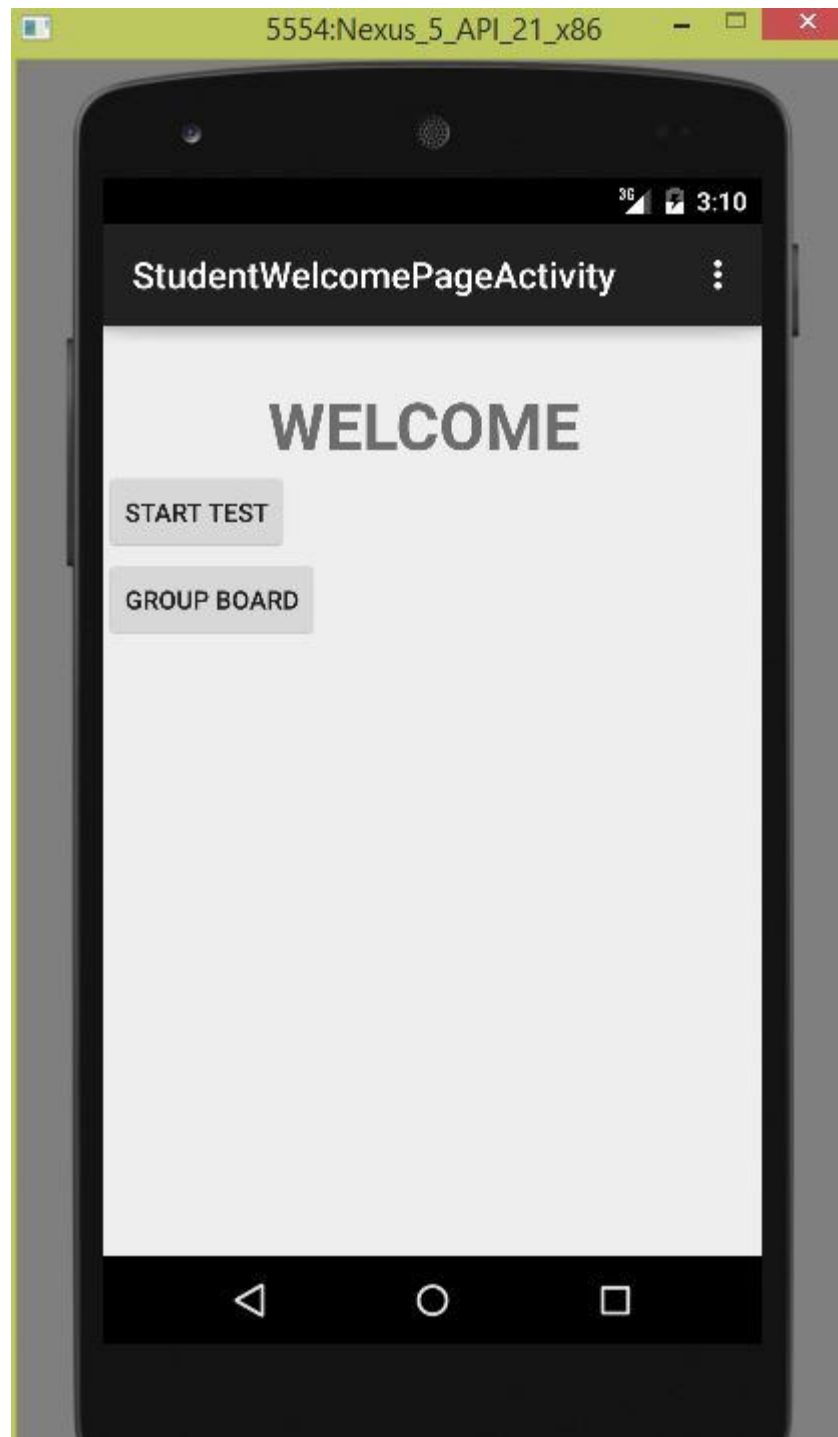
REENTER PASSWORD
Reenter your password here

REGISTER

Type username and password in student login



After successful login ,it displays a student welcome page



Admin Login Window after clicking on admin button on main screen



Admin Signup Window after clicking on signup button on admin login window

5554:Nexus_5_API_21_x86

3G 3:12

AdminSignupPageActivity

ENTER USERNAME
Enter your username here

ENTER FIRSTNAME
Enter your firstname here

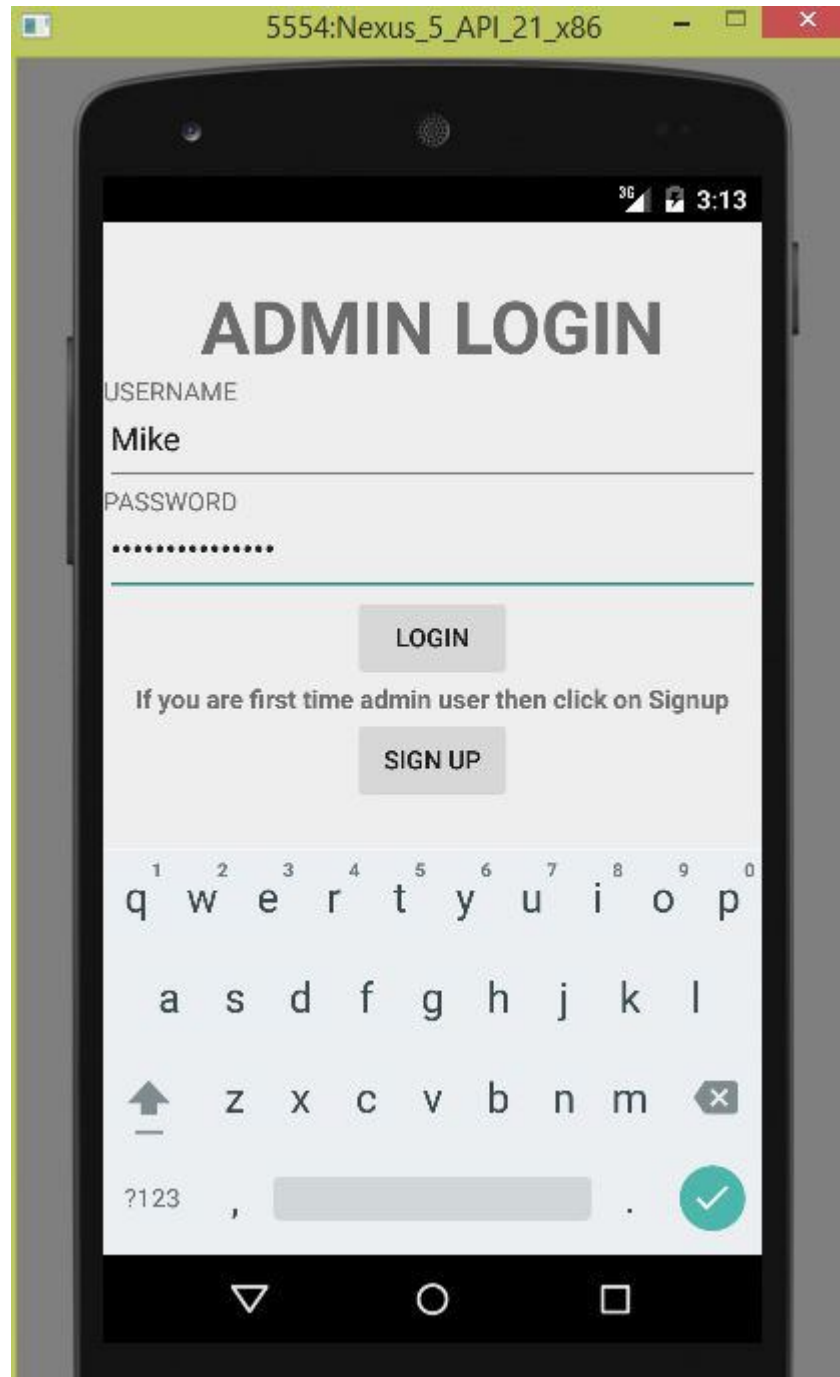
ENTER LASTNAME
Enter your lastname here

ENTER PASSWORD
Enter your password here

REENTER PASSWORD
Reenter your password here

REGISTER

Type username and password in admin login



After successful login ,it displays a Admin welcome page



