Program

MainActivity.java	package com.example.admin.registration;
	import android.support.v7.app.AppCompatActivity;
	import android.content.SharedPreferences; import android.content.Intent; import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.Toast;

	public class MainActivity extends AppCompatActivity {
	    EditText e1,e3,e5;
	    Button b1;

	@Override
	    protected void onCreate(Bundle savedInstanceState) {
	        super.onCreate(savedInstanceState);
	        setContentView(R.layout.activity_main);
	        e1=(EditText)findViewById(R.id.dcode);
	        e3=(EditText)findViewById(R.id.ccode);
	        e5=(EditText)findViewById(R.id.phno);
	        b1=(Button)findViewById(R.id.validate1);
	        b1.setOnClickListener(new View.OnClickListener(){
	            @Override
	            public void onClick(View v)
	            {
	                validate();
	
	            }
	        });

	}
	    protected void onResume() {
	        super.onResume();
	        SharedPreferences sh = getSharedPreferences("MySharedPref", MODE_PRIVATE);

	String s1 = sh.getString("dcode", "");
	        String s3 = sh.getString("ccode", "");
	        String s4 = sh.getString("phno", "");

```java
        e1.setText(s1);
        e3.setText(s3);
        e5.setText(s4);
    }
    protected void onPause() {
        super.onPause();
        SharedPreferences sharedPreferences
= getSharedPreferences("MySharedPref",
MODE_PRIVATE);
        SharedPreferences.Editor myEdit =
sharedPreferences.edit();
        myEdit.putString("dcode",
e1.getText().toString());

myEdit.putString("ccode",e3.getText().toString
());

myEdit.putString("phno",e5.getText().toString(
));

        myEdit.apply();
    }

    public void validate() {
        String d= e1.getText().toString();
        String c = e3.getText().toString().trim();
        String pno = e5.getText().toString();
        int valid = 1;

        if (d.length() == 0) {
            e1.getText().clear();
            e1.requestFocus();
            e1.setError("Enter  distributor code ");
        }

        if (pno.length() < 10) {
            e5.setError("Phone number should be
of at least 10 digits");
            valid++;
        }
        if (valid == 1) {

Toast.makeText(getApplicationContext(),
"REGISTRATION SUCCESSFUL",
Toast.LENGTH_SHORT).show();
            Intent i = new
Intent(getApplicationContext(),
Main2Activity.class);
```

| | ```
        i.putExtra("1", d);
        i.putExtra("2", c);
        startActivity(i);

    }

}
}
``` |
| Main2Activity.java | ```
package com.example.admin.registration;

import
android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.content.Intent;
import android.widget.TextView;
import android.view.View;

public class Main2Activity extends
AppCompatActivity {


    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        TextView t1,t2,t3;
        super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main2);
        Bundle extras = getIntent().getExtras();
        t1=(TextView)
findViewById(R.id.textView2);
        t2=(TextView)
findViewById(R.id.textView3);
        t3=(TextView)
findViewById(R.id.textView4);

        String value1 = extras.getString("1");
        String value2 = extras.getString("2");
        String value3 = extras.getString("3");
        t1.setText("Distributor code: "+value1);
        t2.setText("Consumer code is "+ value2);
        t3.setText("Phone no is "+ value3);



    }
    public void callFirstActivity(View view){
        Intent i = new
``` |

	Intent(getApplicationContext(), MainActivity.class);
	     startActivity(i);
	  }
	
	}

activity_main.xml	```xml
	<?xml version="1.0" encoding="utf-8"?>
	<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
	
	xmlns:tools="http://schemas.android.com/tools"
	    android:layout_width="match_parent"
	    android:layout_height="match_parent"
	    android:background="#FFFFFF"
	    android:orientation="vertical"
	    tools:context=".MainActivity">
	
	    <EditText
	        android:id="@+id/dcode"
	        android:layout_width="match_parent"
	        android:layout_height="wrap_content"
	        android:backgroundTint="#00BCD4"
	        android:ems="10"
	        android:hint="Distributor code"
	        android:inputType="textPersonName" />
	
	    <EditText
	        android:id="@+id/ccode"
	        android:layout_width="match_parent"
	        android:layout_height="wrap_content"
	        android:backgroundTint="#00BCD4"
	        android:hint="Consumer code"
	        android:inputType="textPassword" />
	
	    <EditText
	        android:id="@+id/phno"
	        android:layout_width="match_parent"
	        android:layout_height="wrap_content"
	        android:backgroundTint="#00BCD4"
	        android:ems="10"
	        android:hint="Phone"
	        android:inputType="phone" />
	``

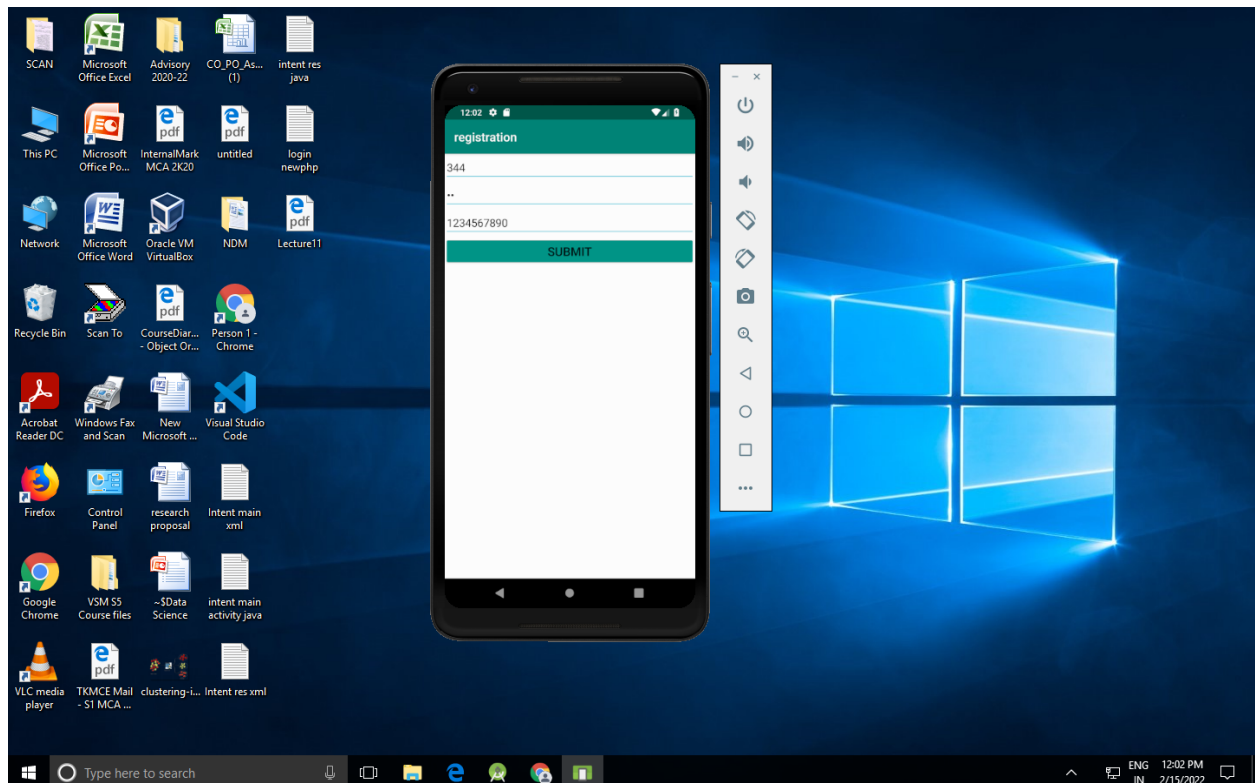|	

	``xml
	<Button
	    android:id="@+id/validate1"
	    android:layout_width="match_parent"
	    android:layout_height="wrap_content"
	    android:backgroundTint="#009688"
	    android:onClick="callSecondActivity"
	    android:text="SUBMIT"
	    android:textSize="20sp" />
	
	</LinearLayout>
	``

activity_main2.xml	```xml
	<?xml version="1.0" encoding="utf-8"?>
	<LinearLayout
	xmlns:android="http://schemas.android.com/apk/res/android"
	
	xmlns:tools="http://schemas.android.com/tools"
	    android:layout_width="match_parent"
	    android:layout_height="match_parent"
	    android:background="#FDFFFF"
	    android:orientation="vertical"
	    tools:context=".Main2Activity">
	
	    <TextView
	        android:id="@+id/textView1"
	        android:layout_width="match_parent"
	        android:layout_height="35dp"
	        android:backgroundTint="#00BCD4"
	        android:text="Registered Details"
	
	android:textAppearance="@style/TextAppearance.AppCompat.Body2"
	        android:textSize="16sp" />
	
	    <TextView
	        android:id="@+id/textView2"
	        android:layout_width="match_parent"
	        android:layout_height="35dp"
	        android:backgroundTint="#00BCD4"
	        android:text=""
	
	android:textAppearance="@style/TextAppearance.AppCompat.Body2"
	        android:textSize="16sp" />
	
	    <TextView
	        android:id="@+id/textView3"
	``

```
        android:layout_width="match_parent"
        android:layout_height="35dp"
        android:backgroundTint="#00BCD4"
        android:text=""

android:textAppearance="@style/TextAppear
ance.AppCompat.Body2"
        android:textSize="16sp" />

    <TextView
        android:id="@+id/textView4"
        android:layout_width="match_parent"
        android:layout_height="35dp"
        android:backgroundTint="#00BCD4"
        android:text=""

android:textAppearance="@style/TextAppear
ance.AppCompat.Body2"
        android:textSize="16sp" />

</LinearLayout>
```
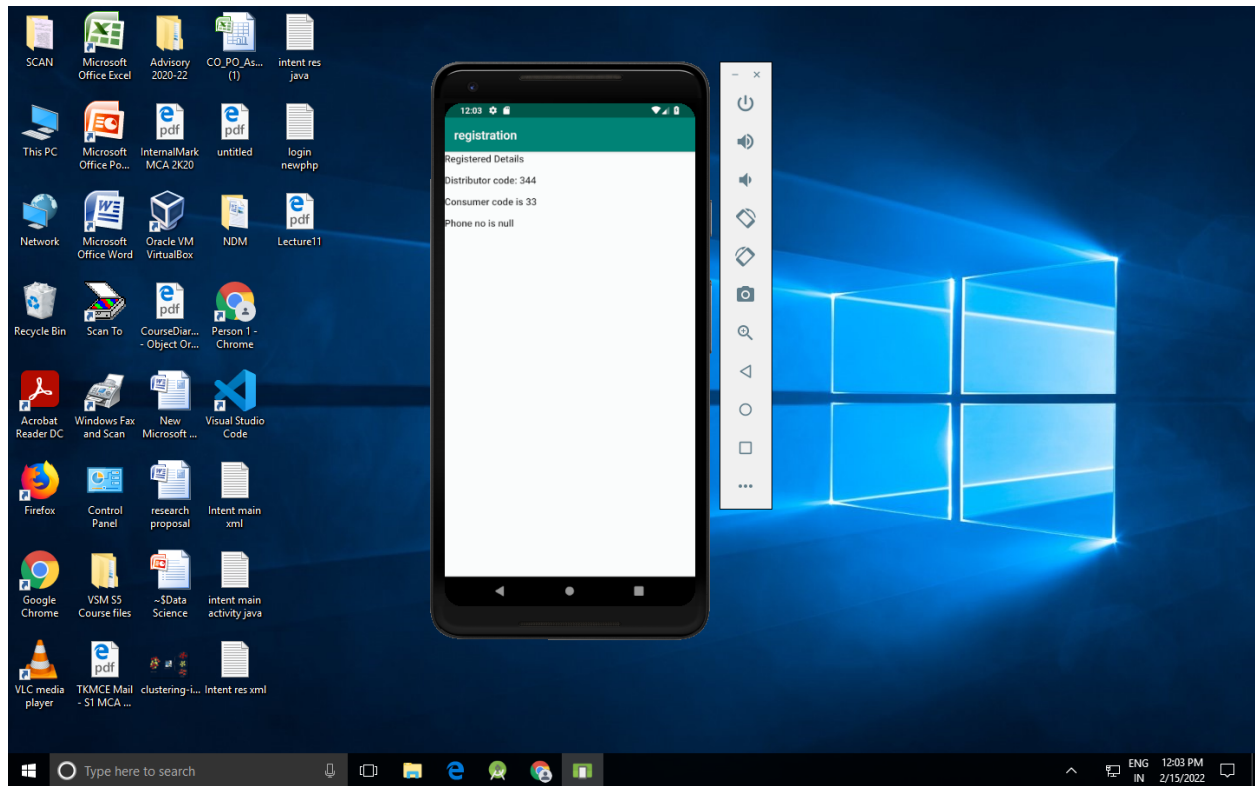
OUTPUT

RESULT

Program is executed and output is obtained.