1) Implicit Intent

**Implicit Intent** doesn't specifiy the component. In such case, intent provides information of available components provided by the system that is to be invoked.

For example, you may write the following code to view the webpage.

1. Intent intent=**new** Intent(Intent.ACTION\_VIEW);
2. intent.setData(Uri.parse("http://www.google.com"));
3. startActivity(intent);

2) Explicit Intent

**Explicit Intent** specifies the component. In such case, intent provides the external class to be invoked.

1. Intent i = **new** Intent(getApplicationContext(), ActivityTwo.**class**);
2. startActivity(i);

To get the full code of explicit intent, visit the next page.

Android Implicit Intent Example

Let's see the simple example of implicit intent that displays a web page.

activity\_main.xml

*File: activity\_main.xml*

1. **<RelativeLayout** xmlns:androclass="http://schemas.android.com/apk/res/android"
2. xmlns:tools="http://schemas.android.com/tools"
3. android:layout\_width="match\_parent"
4. android:layout\_height="match\_parent"
5. tools:context=".MainActivity" **>**
6. **<EditText**
7. android:id="@+id/editText1"
8. android:layout\_width="wrap\_content"
9. android:layout\_height="wrap\_content"
10. android:layout\_alignParentTop="true"
11. android:layout\_centerHorizontal="true"
12. android:layout\_marginTop="44dp"
13. android:ems="10" **/>**
14. **<Button**
15. android:id="@+id/button1"
16. android:layout\_width="wrap\_content"
17. android:layout\_height="wrap\_content"
18. android:layout\_below="@+id/editText1"
19. android:layout\_centerHorizontal="true"
20. android:layout\_marginTop="54dp"
21. android:text="Visit" **/>**
22. **</RelativeLayout>**

Activity class

*File: MainActivity.java*

1. **package** org.sssit.implicitintent;
2. **import** android.net.Uri;
3. **import** android.os.Bundle;
4. **import** android.app.Activity;
5. **import** android.content.Intent;
6. **import** android.view.View;
7. **import** android.view.View.OnClickListener;
8. **import** android.widget.Button;
9. **import** android.widget.EditText;
10. **public** **class** MainActivity **extends** Activity {
11. @Override
12. **protected** **void** onCreate(Bundle savedInstanceState) {
13. **super**.onCreate(savedInstanceState);
14. setContentView(R.layout.activity\_main);
15. **final** EditText editText1=(EditText)findViewById(R.id.editText1);
16. Button button1=(Button)findViewById(R.id.button1);
17. button1.setOnClickListener(**new** OnClickListener() {
18. @Override
19. **public** **void** onClick(View arg0) {
20. String url=editText1.getText().toString();
21. Intent intent=**new** Intent(Intent.ACTION\_VIEW,Uri.parse(url));
22. startActivity(intent);
23. }
24. });
25. }
26. }