

Q1:

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout xmlns:android="
    http://schemas.android.com/apk/res/android"
```

```
    xmlns:app="schemas.android.com/apk/res-auto"
```

```
    xmlns:tools="schemas.android.com/tools"
```

```
    android:layout_width="match-parent"
```

```
    android:layout_height="match-parent"
```

```
    tools:context="example.google.com.implicitintent.MainActivity">
```

```
<Edit-Text
```

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

```
    android:layout_width="wrap-content"
```

```
    android:layout_height="wrap-content"
```

```
    android:layout_marginEnd="8dp"
```

```
    android:layout_marginStart="8dp"
```

```
    android:layout_marginTop="60dp"
```

```
    android:ems="10"
```

```
    app:layout_constraintEnd_toEndOf="parent"
```

```
    app:layout_constraintHorizontal_bias="0.575"
```

```
    app:layout_constraintStart_toStartOf="parent"
```

```
    app:layout_constraintTop_toTopOf="parent"/>
```

```
<Button
```

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

```
    android:layout_width="wrap-content"
```

```
android:layout_height = "wrap_content"
android:layout_marginRight = "8dp"
android:layout_marginLeft = "156dp"
android:layout_marginTop = "172dp"
android:text = "Visit"

app:layout_constraintEnd_toEndOf = "parent"
app:layout_constraintHorizontal_bias = "0.0"
app:layout_constraintStart_toStartOf = "parent"
app:layout_constraintTop_toBottomOf = "@+id/editText" />

< android.support.constraint.ConstraintLayout>
```

Activity class

```
package example.giggle.com.implicitintent;

import android.content.Intent;
import android.net.Uri;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

    Button button;
    EditText edittext;

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


super.onCreate (savedInstanceState);

setContentView (R.layout.activity_main);

button = findViewById (R.id.button);

editText = findViewById (R.id.editText);

button.setOnClickListener (new View.OnClickListener () {

@Override

public void onClick (View view) {

String url = editText.getText ().toString ();

Intent intent = new Intent (Intent.ACTION_VIEW, Uri.parse (url));

startActivity (intent);

}

});

}

}

Explicit Intent

• <?xml version="1.0" encoding="UTF-8"?>
<android.support.constraint.ConstraintLayout 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:content="example.javatopoint.com.explicitintent">

<TextView

android:layout_width="wrap_content"

```

android:layout_height = "Wrap_content"
android:text = "First Activity"
app:layout_constraintBottom_toBottomOf = "parent"
app:layout_constraintHorizontal_bias = "0.454"
app:layout_constraintTop_toTopOf = "parent"

```

<Button

```

android:id = "@+id/button"
android:layout_height = "Wrap_content"
android:layout_marginEnd = "8dp"
android:layout_marginTop = "392dp"
android:text = "Call second activity"
android
app:layout_constraintEnd_toEndOf = "parent"
app:layout_constraintStart_toStartOf = "parent"

```

<android.support.constraint.ConstraintLayout>

Java

```
package example.igoogle.com.explicitintent;
```

```

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

```

```
public class FirstActivity extends AppCompatActivity {
```

@Override

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

```



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

```
}
```

```
public void callSecondActivity (View view) {
    Intent i = new Intent (getApplicationContext(),
        SecondActivity.class);
```

```
    i.putExtra ("Value 1", "Android by Google.");
    i.putExtra ("Value 2", "Android");
```

```
startActivity (i);
```

```
}
```

```
}
```

Activity class two

```
package example.google.com.explicitintent;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;
```

```
public class SecondActivity extends AppCompatActivity {
```

```
@Override
```

```
protected void onCreate (Bundle savedInstanceState) {
    super.onCreate (savedInstanceState);
```

```
setContentView
```

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

```
Bundle extras = getIntent().getExtras();
```

```
String value 1 = extras.getString("Value 1");  
String value 2 = extras.getString("Value 2");
```

```
Toast.makeText(getApplicationContext(), "Value one: " +  
    "First value: " + value 1 + " In Second Value: " +  
    value 2, Toast.LENGTH_LONG).show();
```

}

```
public void callFirstActivity (View view) {  
    Intent i = new Intent(getApplicationContext(),  
        FirstActivity.class);  
    startActivity(i);
```

}

}