

Graphic Era Hill University, Dehradun  
(Answer Sheet for Online Examination Aug. 2021)

Please tick (✓) your campus: (DEHRADUN/BHIMTAL/HALDWANI)  
Name: Shivra Patwa Univ. Roll No. 1922062 Student ID 19032267  
Date: 1 Oct 21 Course: BSc-IT Branch: - Sem: V<sup>th</sup> Section: A  
Subject Name: Mobile Application Development Subject Code: PBI-501 Page No. 1

Sol<sup>n</sup> ① activity main.xml { Implicit - 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:context=".MainActivity">
```

&#x20; <EditText

```
    android:id="@+id/button1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/editText1"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="49dp"
    android:layout_marginEnd="132dp"
    android:text="Click"
    app:layout_constraintEnd_toEndof="@+id/editText1"
    app:layout_constraintTop_toBottomof="@+id/editText1"/>
```

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

Signature of Student

Shivra Patwa



## MainActivity.java

②

```
package ImplicitIntent ;
import android.app.Activity;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends Activity {
    @Override
    protected void onCreate (Bundle savedInstanceState)
    {
        super.onCreate (savedInstanceState);
        setContentView (R.layout.activity_main);
        final EditText editText1 = (EditText) findViewById (R.id.editText1);
        Button button = (Button) findViewById (R.id.button1);
        button.setOnClickListener (new View.OnClickListener () {
            @Override
            public void onClick (View v)
            {
                String url = editText1.getText ().toString ();
                Intent intent = new Intent (Intent.ACTION_VIEW,
                                           Uri.parse (url));
                startActivity (intent);
            }
        });
    }
}
```



## Activity-main.xml

```

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:context="explicit-intent-main Activity">

```

## &lt;Button

```

android:id="@+id/Button01"
android:layout_width="wrap-content"
android:layout_height="wrap-content"
android:layout_alignParentLeft="true"
android:layout_below="@+id/TextView01"
android:layout_marginTop="209 dp"
android:onClick="onClick"
android:text="Go to other Activity"
app:layout_constraintEnd_toEndof="parent"
app:layout_constraint_start_toStartof="parent"
app:layout_constraintTop_toTopof="parent"
tools:ignore="onClick" />

```

## &lt;Text View

```

android:id="@+id/TextView01"
android:layout_width="wrap-content"
android:layout_height="wrap-content"
android:layout_alignLeft="@id/Button01"

```

*Parvati*



(4)

```
android:layout_alignParentTop = "true44dp"
android:layout_marginTop = "44dp"
android:minHeight = "60dp"
android:text = "This is First Activity"
android:textSize = "20sp"
app:layout_constraintEnd_toEndOf = "parent"
app:layout_constraintStart_toStartOf = "parent"
app:layout_constraintTop_toTopOf = "parent"/>
</android.support.constraint.ConstraintLayout>
```

### MainActivity.java

```
package ExplicitIntent;

import android.os.Bundle;
import android.app.Activity;
import android.content.Intent;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;

public class MainActivity extends Activity {
    Button button1;
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```



(5)

```
button1 = (Button) findViewById (R.id.Button01);
```

```
button1.setOnClickListener (new OnClickListener() {
```

```
    public void onClick (View view)
```

```
{  
    Intent i = new Intent (getApplicationContext(),  
        ActivityTwo.class);
```

```
    Start Activity (i);
```

```
}
```

```
});
```

Handwritten