1. Develop an android application to demonstrate Implicit as well as Explicit intent.

⇒
```
<?xml version = "1.0" encoding = "utf-8"?>
<Relativelayout 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 = "wrap-
    content"       tools: context = ".Main
Activity" >

<Edit Text
android : id = "@+id/etl"
android : layout - width = "match-
    parent"
android : layout - height = "wrap-
    content"
android : layout - marginStart = "@
android : dimen/app - icon_size"
android : layout_marginTop = "@android:
    dimen/app - icon size".
```
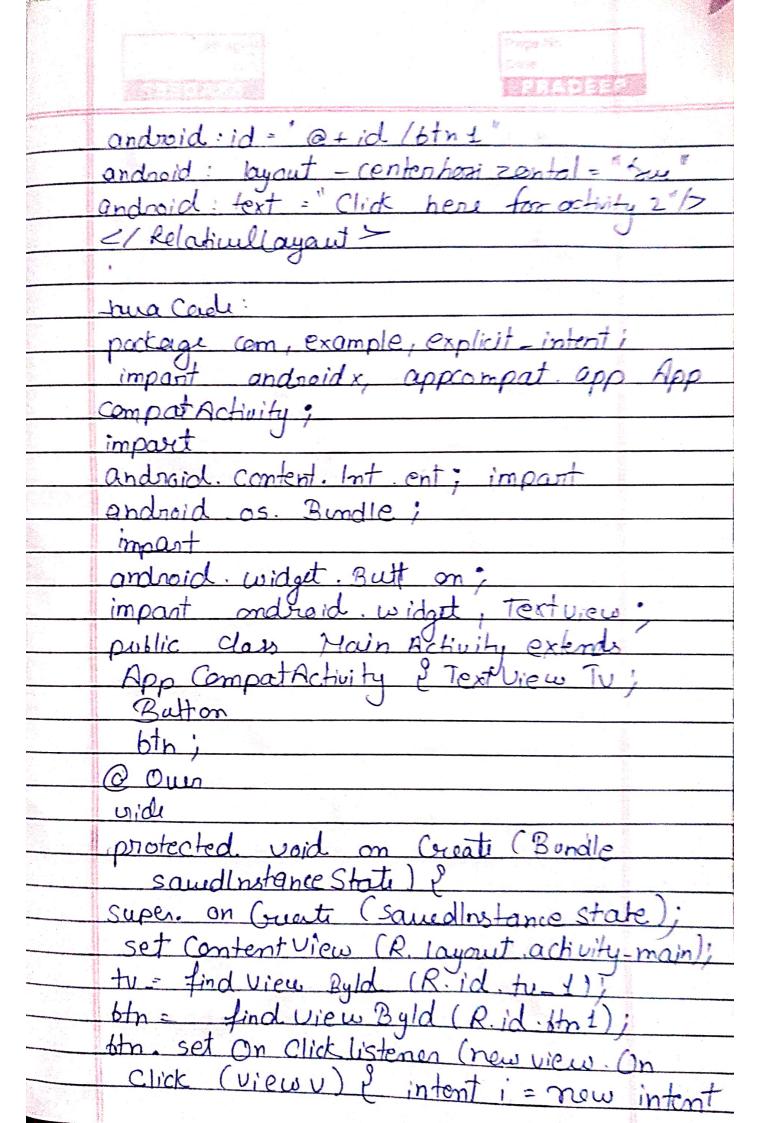
```
android : layout_marginEnd = "@android :
    dimen / app_icon_size".
android : layout_marginBottom = "@
    android :    dimen / app_icon_size".


tools : ignore = " Labe for, speakable
Text Present check, TouchTarget Size Check
/ >


< Button
android : layout_width = "match_parent"
android : layout_height = "wrap_parent"
android : id = "@+id/b1"
android : layout_below = "@id/d1"
android : text = "@string/visit"
android : textsize = "20sp"
android : textStyle = "bold"    />

</RelativeLayout >
```

Main Activity.java-

```
import androidx.appcompat.app.App
    CompatActivity;


import android.content.Intent;
import android.net.Uri; import
android.os.Bundle; import
```

```java
android. view. view ; import
android. widget. Button; import
android. widget. EdiText ;
public class Main Activity. extends
    App CompatActivity
{

        Edit Text el ;
        Button    bt 1;
        @ Override
        protected void on Create ( Bundle
        saved Instance state ) {

        Super. onCreate (saved Instance state);
        Set ContenView ( R. layout. activity - main);
        el = find view By Id (R. id. et 1);

        bt1 = findViewby Id ( R. id. bt1);

        bt1. Set On Click stener (new view. On Click
            listener () {
        @ override
        public void on Click (view u) {
            String url = el. get Text (). to
        String ();

        Intent in= new Intent (Intent. ACTION_VIEW
        uri. parse (url));
        start Activity (in); }
        } } } ;
```

Explicit Intent

```
<?xml version = "1.0" encoding = "utf-8"?>
<Relative layout
 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" >
 <text View
 android : layout width = "match_parent"
 android : layout - height = " wrap_content"
 android : text = " Hello, This is Activity 1"
 android : gravity = " center "
 android : layout_margin Top = "90dp"
 android : text Size = "40dp"
 android : text Color = " @ colour /teal_200'
 android : text Style = "bold"
 android :id = "@ + id /tv_1" />
 <Button
 android : layout_width = " wrap_content
 android : layout_height = " wrap_content"
 android : layout_below = "@ + id/tv_1 "
 android : layout - marginTop = "60dp"
```

```
android : id = "@+ id /btn 1"
android : layout - centerhorizental = "xxx"
android : text = " Click here for activity 2"/>
</RelativeLayout>
```

Java Code:

```
package com, example, explicit_intent;
import androidx, appcompat. app App
CompatActivity;
import
android. content. Int .ent; import
android .os. Bundle;
import
android. widget. Butt on;
import android. widget, Textview;
public class Main Activity extends
App CompatActivity { TextView Tv;
Button
btn;
@ Over
vide
protected. void on Create (Bundle
savedInstance State) {
super. on Create (savedInstance state);
set Content View (R. layout .activity_main);
tv = find View ById (R. id. tv_1);
btn = find View ById (R. id. btn 1);
btn. set On Click Listener (new view .On
Click (view v) { intent i = new intent
```

```
    (get Application Context (), Activity 2.
        class); start Activity (i);
    }
      });
    }
  }
```