

Name - Varun Karki

Course - BCA 13

Univ Roll No - 1921196

Date - 01/10/2021

Subject - Mobile Application Development lab

Subject code - PBC 502

Ans) Implicit 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:layoutheightwidth="match_parent"
```

```
tools:context="Main Activity">
```

```
<EditText
```

```
android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
```

```
android:text="Click here"
```

```
android:id="@+id/btn-1"
```

```
android:textSize="30dp"
```

```
android:background="@color/teal-700"
```

```
android:layout_below="@+id/et-1"
```

```
android:layout_marginLeft="80dp"
```

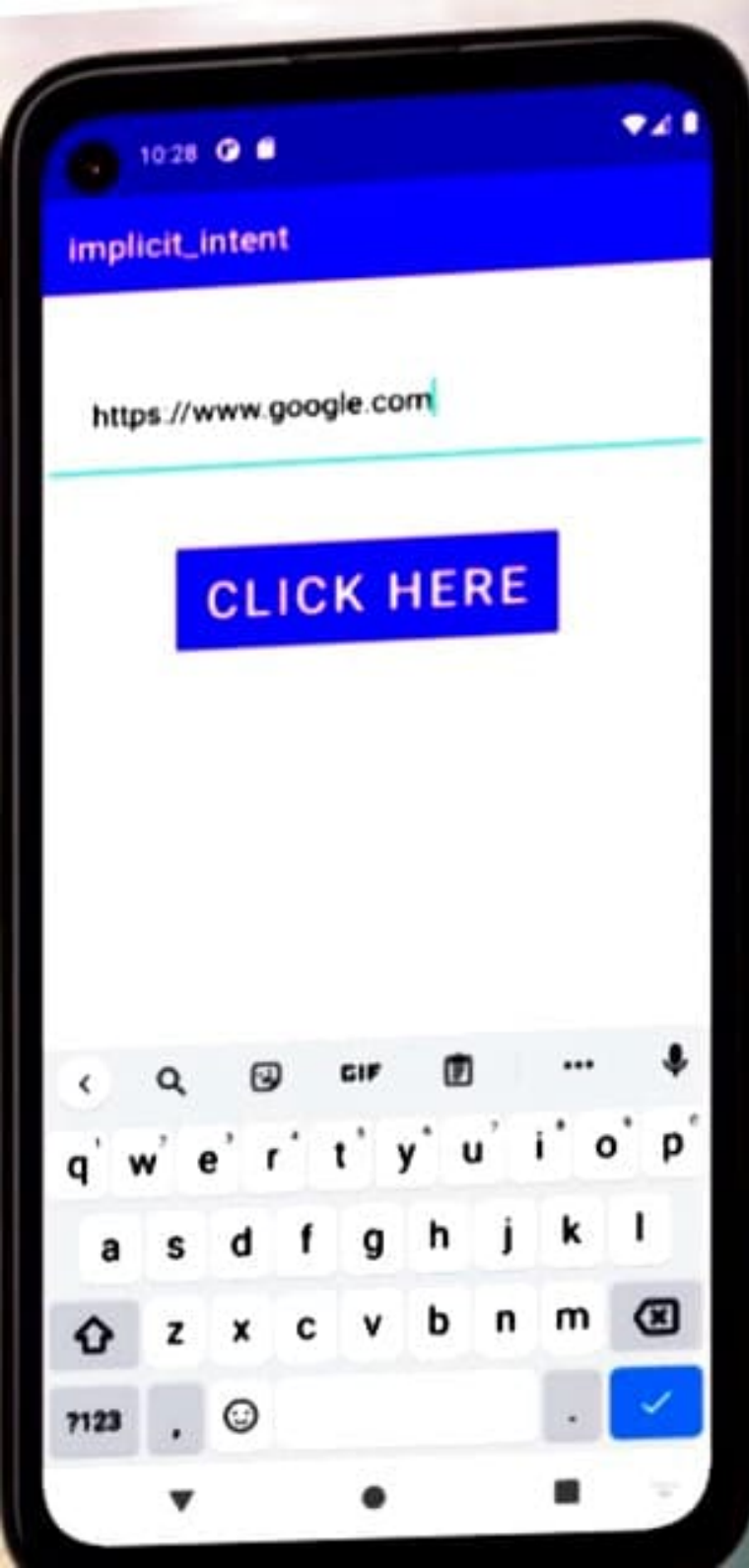
```
android:layout_marginTop="40dp"/>
```

```
</RelativeLayout>
```

Varun

## Java Code

```
package com. example. implicit_intent ;  
import androidx. app. compat. app. AppCompatActivity ;  
import android. Context. 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 AppCompatActivity {  
    EditText e1 ;  
    Button btn ;  
    @Override  
    protected void onCreate (Bundle savedInstanceState) {  
        super. onCreate (savedInstanceState) ;  
        setContentView (R. layout. activity_main) ;  
        e1 = findViewById (R. id. et_1) ;  
        btn = findViewById (R. id. btn_1) ;  
        btn. setOnClickListener (new View. OnClickListener () {  
            @Override  
            public void onClick (View v) {  
                String s = e1. getText (). toString () ;  
                Intent i = new Intent (Intent. ACTION_VIEW, Uri. parse (s)) ;  
                startActivity (i) ;  
            }  
        }) ;  
    }  
}
```





## 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="match-parent"  
    tools:context=". MainActivity" >
```

## &lt;TextView

```
    android:layout_width="match-parent"  
    android:layout_height="wrap-content"  
    android:text="Hello, This is Activity 1"  
    android:gravity="center"  
    android:id="@+id/tv_1" />
```

## &lt;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_centerHorizontal="true"  
    android:text="Click here for activity 2" />  
</RelativeLayout>
```

Java Code:

package com.example.explicit-intent;

import android.support.design.widget.AppCompat Activity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

TextView tv;

Button btn;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

tv = findViewById(R.id.tv\_1);

btn = findViewById(R.id.btn\_1);

btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent i = new Intent(getApplicationContext(), Activity 2.class);

startActivity(i);

}

}

fin



## Main Activity Code-2

```
<?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="match-parent"
    tools:context="Activity2">
    <TextView
        android:layout_width="match-parent"
        android:layout_height="wrap-content"
        android:text="Hello This is Activity2"
        android:textSize="40dp"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:textColor="@color/black-200"/>
    </RelativeLayout>
```

## OUTPUT:

