**Practical 1:**

**Implicit Intent:**

**Code:**

**MainActivity.java**

package com.example.myapplication1;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.ImageButton;

import android.widget.Toast;

import android.widget.VideoView;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

// Declaring the variable for normal button and image button

Button button;

ImageButton imageButton;

setContentView(R.layout.activity\_main);

// Initializing the variable for normal button and image button

button = findViewById(R.id.button);

imageButton = (ImageButton) findViewById(R.id.imageButton);

// Below code is for setting a click listener on the button

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent= new Intent(Intent.ACTION\_VIEW, Uri.parse("https://www.flipkart.com"));

startActivity(intent);

}

});

// Below code is for setting a click listener on the image

imageButton.setOnClickListener(view -> {

// Creating a toast to display the message while loading the web page

Toast.makeText(MainActivity.this, "Web Page is opening", Toast.LENGTH\_SHORT).show();

String url = "https://www.flipkart.com/";

// Creating an explicit intent to open the

// link stored in variable url

Intent i = new Intent(Intent.ACTION\_VIEW);

i.setData(Uri.parse(url));

startActivity(i);

});

}

}

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.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"

android:background="@color/white"

tools:context=".MainActivity">

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Open Flipcart"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.612" />

<ImageButton

android:id="@+id/imageButton"

android:layout\_width="150dp"

android:layout\_height="150dp"

android:scaleType="fitCenter"

app:layout\_constraintBottom\_toTopOf="@+id/button"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

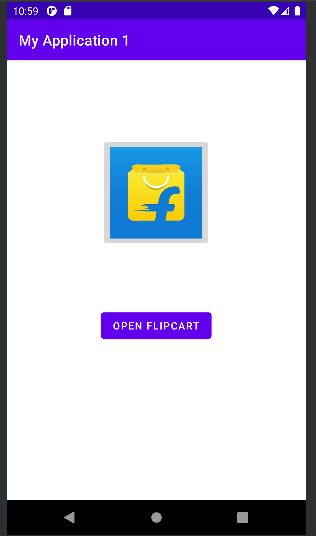
app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.561" />

</androidx.constraintlayout.widget.ConstraintLayout>

**Output:**

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