1. Create a Simple Android Application Which Send ―Hello‖ message from one activity to another with help of Button (Use Intent).

Java Code:-

MainActivity.java

package com.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_//your package name

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

public class first\_activity extends AppCompatActivity {

// define the variable

Button send\_button;

EditText send\_text;

@Override

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_first\_activity);

send\_button = (Button)findViewById(R.id.send\_button\_id);

send\_text = (EditText)findViewById(R.id.send\_text\_id);

// add the OnClickListener in sender button

send\_button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v)

{

String str = send\_text.getText().toString();

// Create the Intent object of this class Context() to Second\_activity class

Intent intent = new Intent(getApplicationContext(), Second\_activity.class);

intent.putExtra("message\_key", str);

startActivity(intent);

}

});

}

}

**activity\_main.xml:-**

<?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=".first\_activity">

<EditText

android:id="@+id/send\_text\_id"

android:layout\_width="300dp"

android:layout\_height="wrap\_content"

android:textSize="25dp"

android:hint="Input"

android:textStyle="bold"

android:layout\_marginTop="20dp"

android:layout\_marginLeft="40dp"/>

<Button

android:id="@+id/send\_button\_id"

android:layout\_width="wrap\_content"

android:layout\_height="40dp"

android:text="send"

android:textStyle="bold"

android:layout\_marginTop="150dp"

android:layout\_marginLeft="150dp"/>

</RelativeLayout>

**NextActivity.java: -**

package com.example.a551042;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class NextActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_next*);

}

}

**activity\_next.xml: -**

<?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="com.example.Second\_activity"> <-- add your context-->

<TextView

android:id="@+id/received\_value\_id"

android:layout\_width="300dp"

android:layout\_height="50dp"

android:textStyle="bold"

android:textSize="40dp"

android:layout\_marginTop="20dp"

android:layout\_marginLeft="40dp"/>

</RelativeLayout>