**Aim: Develop an application that uses a menu with 3 options for dialing a number, opening a website and to send an SMS. On selecting an option, the appropriate action should be invoked using intents.**

**activity\_main.xml:**

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

<LinearLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/activity\_main"

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:gravity="center\_horizontal|center\_vertical"

tools:context=".MainActivity">

<EditText

android:id="@+id/et\_phone\_no"

android:hint="Enter Phone number"

android:inputType="phone"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"/>

<EditText

android:id="@+id/et\_message"

android:hint="Enter message"

android:inputType="textCapSentences|textMultiLine"

android:maxLength="2000"

android:maxLines="12"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"/>

<Button

android:id="@+id/btn\_send\_message"

android:layout\_gravity="center\_horizontal"

android:text="Send Messange"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

<Button

android:id="@+id/btn\_dial"

android:layout\_gravity="center\_horizontal"

android:text="Dial"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</LinearLayout>

**mainactivity.java:**

package com.example.lab9;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.text.TextUtils;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Button mDialButton = (Button) findViewById(R.id.btn\_dial);

final EditText mPhoneNoEt = (EditText) findViewById(R.id.et\_phone\_no);

mDialButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String phoneNo = mPhoneNoEt.getText().toString();

if(!TextUtils.isEmpty(phoneNo)) {

String dial = "tel:" + phoneNo;

startActivity(new Intent(Intent.ACTION\_DIAL, Uri.parse(dial)));

}else {

Toast.makeText(MainActivity.this, "Enter a phone number", Toast.LENGTH\_SHORT).show();

}

}

});

Button sendMessageBtn = (Button) findViewById(R.id.btn\_send\_message);

final EditText messagetEt = (EditText) findViewById(R.id.et\_message);

sendMessageBtn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String message = messagetEt.getText().toString();

String phoneNo = mPhoneNoEt.getText().toString();

if(!TextUtils.isEmpty(message) && !TextUtils.isEmpty(phoneNo)) {

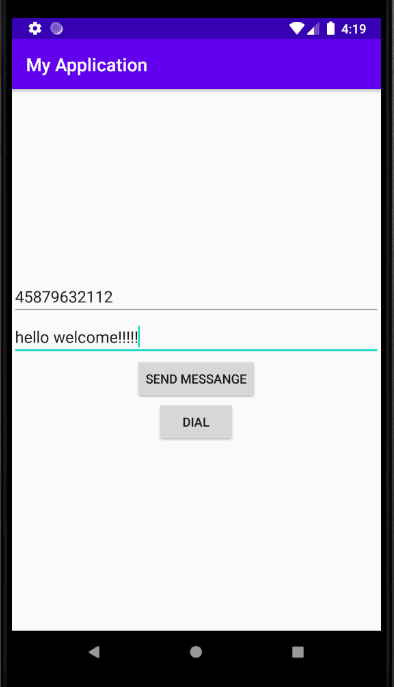
Intent smsIntent = new Intent(Intent.ACTION\_SENDTO, Uri.parse("smsto:" + phoneNo));

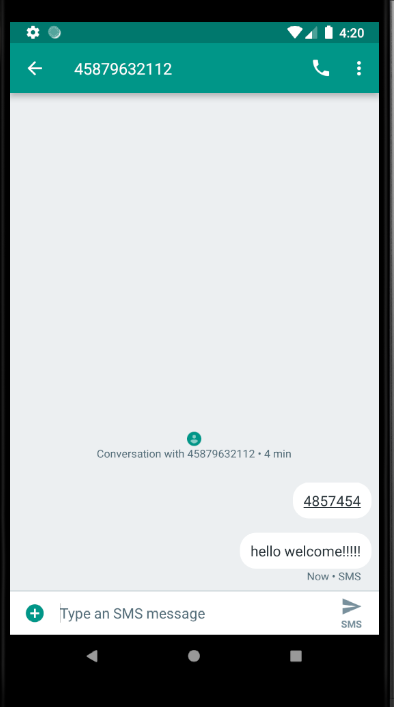
smsIntent.putExtra("sms\_body", message);

startActivity(smsIntent);

}

}

 });

 }}

