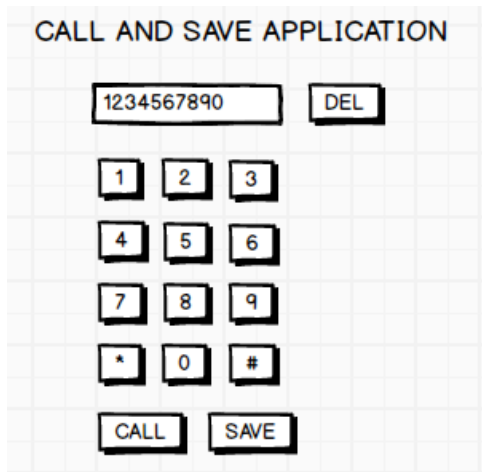


## LAB PROGRAM 8

Create an activity like a phone dialer with CALL and SAVE buttons. On pressing the CALL button, it must call the phone number and on pressing the SAVE button it must save the number to the phone contacts.



```

package com.example.pgm8phone;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.provider.ContactsContract;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {
    EditText etPhoneNum;
    Button btnOne;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        etPhoneNum=findViewById(R.id.et_PhoneNum)
        ;
    }

    public void editPhoneNumber(View view) {
        Button btn=(Button) view;
        String
        btnDigit=btn.getText().toString();
        String
        phoneNum=etPhoneNum.getText().toString();

        etPhoneNum.setText(phoneNum+btnDigit);
    }

    public void delPhoneNum(View view) {
        String
        modNum=etPhoneNum.getText().toString();

        modNum=modNum.substring(0,modNum.length()
        -1);
    }

```

```

        etPhoneNum.setText(modNum);
    }

    public void callPhoneNum(View view) {
        String
        phoneNum=etPhoneNum.getText().toString();
        Intent i=new
        Intent(Intent.ACTION_DIAL);

        i.setData(Uri.parse("tel:"+phoneNum));
        startActivity(i);
    }

    public void savePhoneNum(View view) {
        String
        phoneNum=etPhoneNum.getText().toString();
        Intent i=new
        Intent(Intent.ACTION_INSERT);

        i.setType(ContactsContract.Contacts.CONTENT_TYPE);

        i.putExtra(ContactsContract.Intents.Insert.PHONE,phoneNum);
        startActivity(i);
    }
}

```