**VISUALFORCE PAGE**

<apex:page controller="AccountController">

<apex:form>

<apex:pageBlock title="Search Your Related Records">

<apex:inputText value="{!searchKey}" label="Input" title="Enter the name of he record to be searched"/>

<br/><br/> <apex:commandButton value="Search records" action="{!search}"/>

<apex:commandButton value="Clear records" action="{!clear}"/>

</apex:pageBlock>

<apex:pageBlock title="Search Result">

<apex:pageBlockTable value="{!acc}" var="a">

<apex:column value="{!a.name}"/>

<apex:column value="{!a.id}"/>

<apex:column value="{!a.Phone}"/>

</apex:pageBlockTable>

</apex:pageBlock>

</apex:form>

</apex:page>

**CUSTOM CONTROLLER CLASS**

public class AccountController {

public list <Account> acc {get;set;}

public String searchKey {get;set;}

public AccountController( ) {

}

public void search(){

string searchquery='select Name,id,Phone from account where name like \'%'+searchKey+'%\'';

acc= Database.query(searchquery);

}

public void clear(){

acc.clear();

}

}

**CONTROLLER TEST CLASS**

@isTest

public class TestAccountController {

@isTest static void testSearch()

{

new AccountController().search();

new AccountController().clear();

}

}