How to use Dynamic SOQL Example

public class selectAllSOQLExampleController {

public List<Account> accList{get;set;}

public String query{get;set;}

public selectAllSOQLExampleController(){

}

public PageReference fetch(){

String SobjectApiName = 'Account';

Map<String, Schema.SObjectType> schemaMap = Schema.getGlobalDescribe();

Map<String, Schema.SObjectField> fieldMap = schemaMap.get(SobjectApiName).getDescribe().fields.getMap();

String commaSepratedFields = '';

for(String fieldName : fieldMap.keyset()){

if(commaSepratedFields == null || commaSepratedFields == ''){

commaSepratedFields = fieldName;

}else{

commaSepratedFields = commaSepratedFields + ', ' + fieldName;

}

}

query = 'select ' + commaSepratedFields + ' from ' + SobjectApiName + ' Limit 5';

accList = Database.query(query);

return null;

}

}

<apex:page controller="selectAllSOQLExampleController" tabStyle="Account">

<apex:form >

<apex:pageBlock >

<apex:pageBlockButtons >

<apex:commandButton value="Fetch Accounts" action="{!fetch}"/>

</apex:pageBlockButtons>

<apex:pageBlockSection columns="1" title="Dynamic SOQL Query with field Name" collapsible="false">

<apex:outputText value="{!query}">

</apex:outputText>

</apex:pageBlockSection>

<apex:pageBlockSection title="Account Records Table" columns="1" collapsible="false">

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

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

<apex:column value="{!acc.phone}"/>

<apex:column value="{!acc.rating}"/>

<apex:column value="{!acc.industry}"/>

</apex:pageBlockTable>

</apex:pageBlockSection>

</apex:pageBlock>

</apex:form>

</apex:page>