

```
'use strict';
```

```
//Alexa SDK V1 -> const Alexa = require('alexa-sdk');
```

```
//Alexa SDK V2 -> const Alexa = require('ask-sdk');
```

```
const Alexa = require('ask-sdk');
```

```
//JSONデータ
```

```
const seasoningData = [
```

```
{ "value": "パン粉", "id": "sajiGram_01", "tableSpoon": "3", "teaSpoon": "1"},  
{ "value": "カレー粉", "id": "sajiGram_02", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "煎茶", "id": "sajiGram_03", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "紅茶", "id": "sajiGram_04", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "コーヒー", "id": "sajiGram_05", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "粉チーズ", "id": "sajiGram_06", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "スキムミルク", "id": "sajiGram_07", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "ココア", "id": "sajiGram_08", "tableSpoon": "6", "teaSpoon": "2"},  
{ "value": "コーンスターチ", "id": "sajiGram_09", "tableSpoon": "7", "teaSpoon": "2"},  
{ "value": "強力粉", "id": "sajiGram_10", "tableSpoon": "8", "teaSpoon": "3"},  
{ "value": "薄力粉", "id": "sajiGram_11", "tableSpoon": "8", "teaSpoon": "3"},  
{ "value": "片栗粉", "id": "sajiGram_12", "tableSpoon": "8", "teaSpoon": "3"},  
{ "value": "顆粒調味料", "id": "sajiGram_13", "tableSpoon": "8", "teaSpoon": "3"},  
{ "value": "寒天", "id": "sajiGram_14", "tableSpoon": "9", "teaSpoon": "2"},  
{ "value": "上新粉", "id": "sajiGram_15", "tableSpoon": "9", "teaSpoon": "3"},  
{ "value": "上白糖", "id": "sajiGram_16", "tableSpoon": "9", "teaSpoon": "3"},  
{ "value": "ゴマ", "id": "sajiGram_17", "tableSpoon": "9", "teaSpoon": "3"},  
{ "value": "ベーキングソーダ", "id": "sajiGram_18", "tableSpoon": "9", "teaSpoon": "3"},  
{ "value": "ドライイースト", "id": "sajiGram_19", "tableSpoon": "9", "teaSpoon": "3"},  
{ "value": "ゼラチン", "id": "sajiGram_20", "tableSpoon": "9", "teaSpoon": "3"},  
{ "value": "ベーキングパウダー", "id": "sajiGram_21", "tableSpoon": "10", "teaSpoon": "3"},  
{ "value": "グラニュー糖", "id": "sajiGram_22", "tableSpoon": "13", "teaSpoon": "4"},  
{ "value": "ざらめ", "id": "sajiGram_23", "tableSpoon": "13", "teaSpoon": "4"},  
{ "value": "サワークリーム", "id": "sajiGram_24", "tableSpoon": "13", "teaSpoon": "4"},  
{ "value": "油", "id": "sajiGram_25", "tableSpoon": "14", "teaSpoon": "5"},  
{ "value": "マヨネーズ", "id": "sajiGram_26", "tableSpoon": "14", "teaSpoon": "5"},  
{ "value": "バター", "id": "sajiGram_27", "tableSpoon": "14", "teaSpoon": "5"},  
{ "value": "水", "id": "sajiGram_28", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "酒", "id": "sajiGram_29", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "酢", "id": "sajiGram_30", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "だし汁", "id": "sajiGram_31", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "牛乳", "id": "sajiGram_32", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "ヨーグルト", "id": "sajiGram_33", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "生クリーム", "id": "sajiGram_34", "tableSpoon": "15", "teaSpoon": "5"},  
{ "value": "塩", "id": "sajiGram_35", "tableSpoon": "16", "teaSpoon": "5"},  
{ "value": "みりん", "id": "sajiGram_36", "tableSpoon": "17", "teaSpoon": "6"},  
{ "value": "醤油", "id": "sajiGram_37", "tableSpoon": "17", "teaSpoon": "6"},
```

```
{ "value": "ソース", "id": "sajiGram_38", "tableSpoon": "17", "teaSpoon": "6"},
{ "value": "全卵", "id": "sajiGram_39", "tableSpoon": "17", "teaSpoon": "6"},
{ "value": "味噌", "id": "sajiGram_40", "tableSpoon": "18", "teaSpoon": "6"},
{ "value": "ケチャップ", "id": "sajiGram_41", "tableSpoon": "18", "teaSpoon": "6"},
{ "value": "練乳", "id": "sajiGram_42", "tableSpoon": "20", "teaSpoon": "7"},
{ "value": "ジャム", "id": "sajiGram_43", "tableSpoon": "21", "teaSpoon": "7"},
{ "value": "蜂蜜", "id": "sajiGram_44", "tableSpoon": "22", "teaSpoon": "7"},
{ "value": "水飴", "id": "sajiGram_45", "tableSpoon": "22", "teaSpoon": "7"}
];
```

```
function supportsDisplay(handlerInput) {
  var hasDisplay =
    handlerInput.requestEnvelope.context &&
    handlerInput.requestEnvelope.context.System &&
    handlerInput.requestEnvelope.context.System.device &&
    handlerInput.requestEnvelope.context.System.device.supportedInterfaces &&
    handlerInput.requestEnvelope.context.System.device.supportedInterfaces.Display;
  return hasDisplay;
}
```

```
const LaunchRequestHandler = {
  canHandle(handlerInput) {
    return handlerInput.requestEnvelope.request.type === 'LaunchRequest';
  },
  handle(handlerInput) {
    const speechText = 'さじグラムプラスへようこそ。「醤油」のようにお調べしたい調味料をおっ  
しゃってください。どの調味料をお調べしますか?';

    return handlerInput.responseBuilder
      .speak(speechText)
      .reprompt(speechText)
      .getResponse();
  }
};
```

```
const orderSeasoning = {
  canHandle(handlerInput) {
    return handlerInput.requestEnvelope.request.type === 'IntentRequest'
      && handlerInput.requestEnvelope.request.intent.name === 'orderSeasoning';
  },
  handle(handlerInput) {
    const intent = handlerInput.requestEnvelope.request.intent;
    let searchCheck = "";
    let foodName = "";
```

```

let speechText = 'まだorderSeasoningの分岐中なのでご安心ください';

var obj = intent.slots.seasoningList;
if('value' in obj){
    searchCheck =
intent.slots.seasoningList.resolutions["resolutionsPerAuthority"][0]["status"]["code"];
    if(searchCheck === "ER_SUCCESS_NO_MATCH"){
        speechText = 'すみません、該当の調味料は登録されていないか、別の言い方で
登録されている可能性がございます。言い方を変えてもう一度質問してもらえますか。';
    }else{
        foodName =
intent.slots.seasoningList.resolutions["resolutionsPerAuthority"][0]["values"][0]["value"]["nam
e"];

        for(var d in seasoningData ){
            if(seasoningData[d].value === foodName){
                speechText = foodName + 'の小さじ一杯、5mlは
'+seasoningData[d].teaSpoon+'グラム、大さじ一杯、15mlは'+seasoningData[d].tableSpoon+'
グラムです。次はどの調味料をお調べしますか?';
                break;
            }
        }
    }
}

if (supportsDisplay(handlerInput)) {
    const myImage = new Alexa.ImageHelper()
    .addImageInstance('https://i.imgur.com/rpcYKDD.jpg')
    .getImage();

    const primaryText = new Alexa.RichTextContentHelper()
    .withPrimaryText('テストディスプレイメッセージ')
    .getTextContent();

    handlerInput.responseBuilder.addRenderTemplateDirective({
    type: 'BodyTemplate1',
    token: 'string',
    backButton: 'HIDDEN',
    backgroundImage: myImage,
    title: "Pizza Suggest",
    textContent: primaryText,
    });
}

return handlerInput.responseBuilder
    .speak(speechText)

```

```
        .reprompt('次にお調べする調味料があればおっしゃってください。返答が無い場合、  
会話を終了いたします。')  
        .getResponse();  
    }  
  
};
```

```
const ErrorHandler = {  
    canHandle() {  
        return true;  
    },  
    handle(handlerInput, error) {  
        return handlerInput.responseBuilder  
            .speak('ただしく認識出来ませんでした。もう一度おっしゃっていただけますか。')  
            .getResponse();  
    },  
};
```

```
exports.handler = Alexa.SkillBuilders.standard()  
    .addRequestHandlers(LaunchRequestHandler, orderSeasoning)  
    .addErrorHandlers(ErrorHandler) // これを追加  
    .lambda();
```