

18. Restaurant Selector

You have a group of friends coming to visit for your high school reunion, and you want to take them out to eat at a local restaurant. You aren't sure if any of them have dietary restrictions, but your restaurant choices are as follows:

Joe's Gourmet Burgers—Vegetarian: No, Vegan: No, Gluten-Free: No

Main Street Pizza Company—Vegetarian: Yes, Vegan: No, Gluten-Free: Yes

Corner Café—Vegetarian: Yes, Vegan: Yes, Gluten-Free: Yes

Mama's Fine Italian—Vegetarian: Yes, Vegan: No, Gluten-Free: No

The Chef's Kitchen—Vegetarian: Yes, Vegan: Yes, Gluten-Free: Yes

Write a program that asks whether any members of your party are vegetarian, vegan, or gluten-free, to which then displays only the restaurants to which you may take the group. Here is an example of the program's output:

Is anyone in your party a vegetarian? **yes**

Is anyone in your party a vegan? **no**

Is anyone in your party gluten-free? **yes**

Here are your restaurant choices:

Main Street Pizza Company

Corner Cafe

The Chef's Kitchen

Here is another example of the program's output:

Is anyone in your party a vegetarian? **yes**

Is anyone in your party a vegan? **yes**

Is anyone in your party gluten-free? **yes**

Here are your restaurant choices:

Corner Cafe

The Chef's Kitchen