

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, and then displays only the restaurants that you may take the group to.

Here are examples of the program's output:

```
Run: Main x
/usr/lib/jvm/jdk1.8.0_231/bin/java ...
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

Process finished with exit code 0
|
```

```
Run: Main x
/usr/lib/jvm/jdk1.8.0_231/bin/java ...
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

Process finished with exit code 0
|
```

Requirements:

Create a new Java project named **restaurant** and save it to the cs121 folder (also save to Box, etc.). Within **restaurant**, create a *class* named **RestaurantSelector** with a *main method*. Write the code inside of the main method.

Submit the **RestaurantSelector.java** file to Canvas.