Project 06: Primates MVC
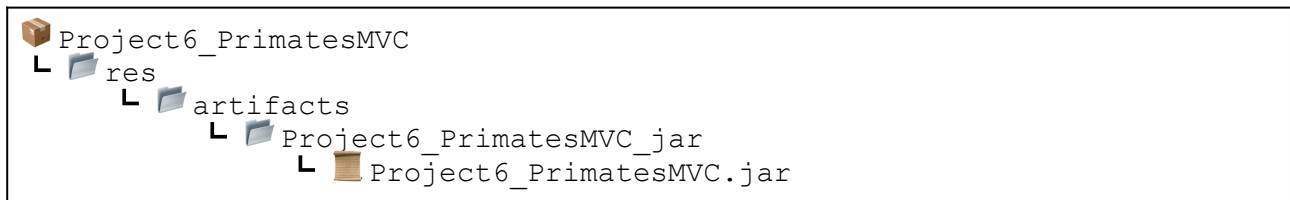
How to run this program

Check README.md or get detailed instructions with more screenshots:
https://www.jetbrains.com/help/idea/compiling-applications.html#run_packaged_jar

You can also find the `.jar` file from this path:

```
📦 Project6_PrimatesMVC
 ┗ 📁 res
     ┗ 📁 artifacts
         ┗ 📁 Project6_PrimatesMVC_jar
             ┗ 📦 Project6_PrimatesMVC.jar
```

Screenshots of running my `.jar` file

Tab Appearances

Tab1: Register for a new monkey

Tab2: Move an existing monkey

Primates Sanctuary

| Register for a new monkey | Move an existing monkey | Treat an unhealthy monkey | Produce a monkey list |

To move a monkey, please choose the name of the monkey you want to move.

NOTICE:

When monkeys first arrive at the sanctuary, they must first move to ISOLATION.
Therefore, first-arrived monkeys are ALREADY in the ISOLATION and you don't need to move them again.
If the monkey you want to move does not exist, the program will show you a warning message.
If the monkey you want to move already exists in that housing, the program will show you a warning message.
If you want to move a monkey to a full ISOLATION, the program will show you a warning message.
If you want to move an unhealthy monkey to ENCLOSURE, the program will show you a warning message.

Sally

Move this monkey to ISOLATION

Move this monkey to ENCLOSURE

Tab3: Treat an unhealthy monkey

Primates Sanctuary

| Register for a new monkey | Move an existing monkey | Treat an unhealthy monkey | Produce a monkey list |

To move a monkey to ENCLOSURE, you have to treat this monkey and make it healthy.

NOTICE:

To treat a monkey, choose the monkey by name you want to give medical treatment.
If the monkey you want to treat is already healthy, the program will show you a warning message.

Sally

Treat this Monkey

Tab4: Produce a monkey list

Primates Sanctuary

| Register for a new monkey | Move an existing monkey | Treat an unhealthy monkey | Produce a monkey list |

To print a monkey list, you have to first choose the housing type for monkeys.

NOTICE:

If there's no monkey in that housing, the program will show you a warning message.

Click the button below to get an alphabetical list (by name) of all monkeys housed in the SANCTUARY.

   Get all monkeys in the SANCTUARY

Click the button below to get an alphabetical list (by name) of all monkeys housed in the ISOLATION.

   Get all monkeys in the ISOLATION

Choose the specific species to get a list of all monkeys housed in that ENCLOSURE.
For every enclosure, there's a list for each individual monkey that is currently housing there.
For each individual monkey, the list includes their name, sex, and favorite food.

drill

   Get all monkeys in the ENCLOSURE

Sample Steps

1: Register for some new monkeys

Enter the fields following the correct order as instructed.
You will see a window showing your successful registration.

Primates Sanctuary

| Register for a new monkey | Move an existing monkey | Treat an unhealthy monkey | Produce a monkey list |

To register a monkey, please give a name to this monkey and then enter the following fields in correct order:
name, species, sex, size, weight(double), age(int), favorite food, whether is healthy(true/false)

NOTICE:

All monkeys must have different names. The program will show you a warning message if you give two monkeys the same name.
For monkey's SPECIES, you must only choose from these 8 kinds: DRILL, GUEREZA, HOWLER, MANGABEY, SAKI, SPIDER, SQUIRREL, TAMARIN.
For monkey's SEX, you must only choose from FEMALE or MALE.
For monkey's SIZE, you must only choose from LARGE
For monkey's WEIGHT, you must only enter POSITIVE
For monkey's AGE, you must only enter NON-NEGAT
For monkey's FAVORITE FOOD, you must only choos

Information

You registered a monkey successfully!

OK

EDS, or TREE_SAP.

Amy

guereza

female

small

4

4

fruits

true

   Register

Or you will see a window showing a warning because of your invalid input.

2: Move an existing monkey

Choose the monkey you want to move.

You will see a window showing your successful move.

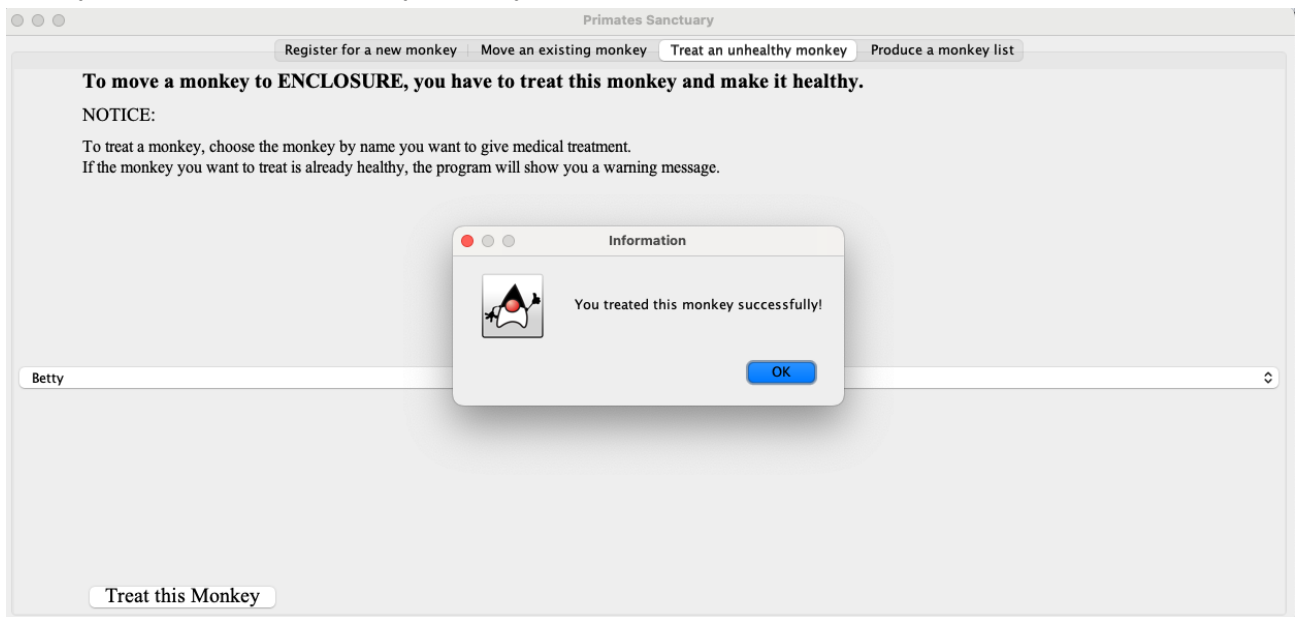Or you will see a window showing a warning because of your invalid action.
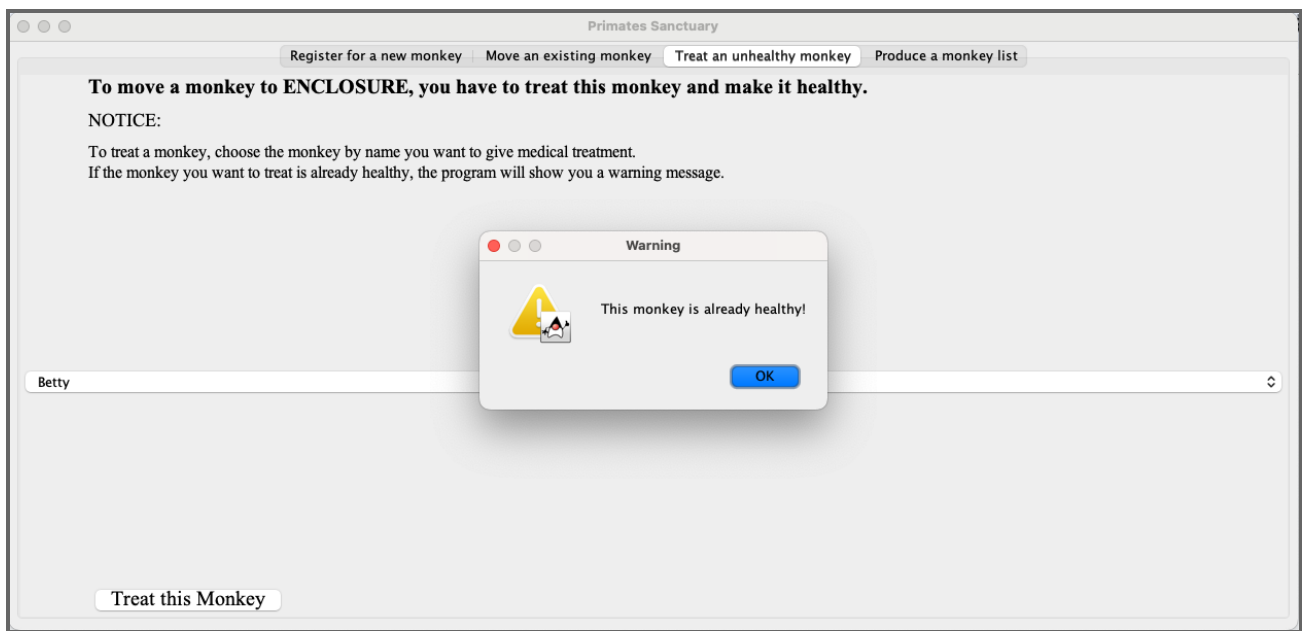
3: Treat an unhealthy monkey

Choose an unhealthy monkey to treat.
You will see a window showing your successful treatment.
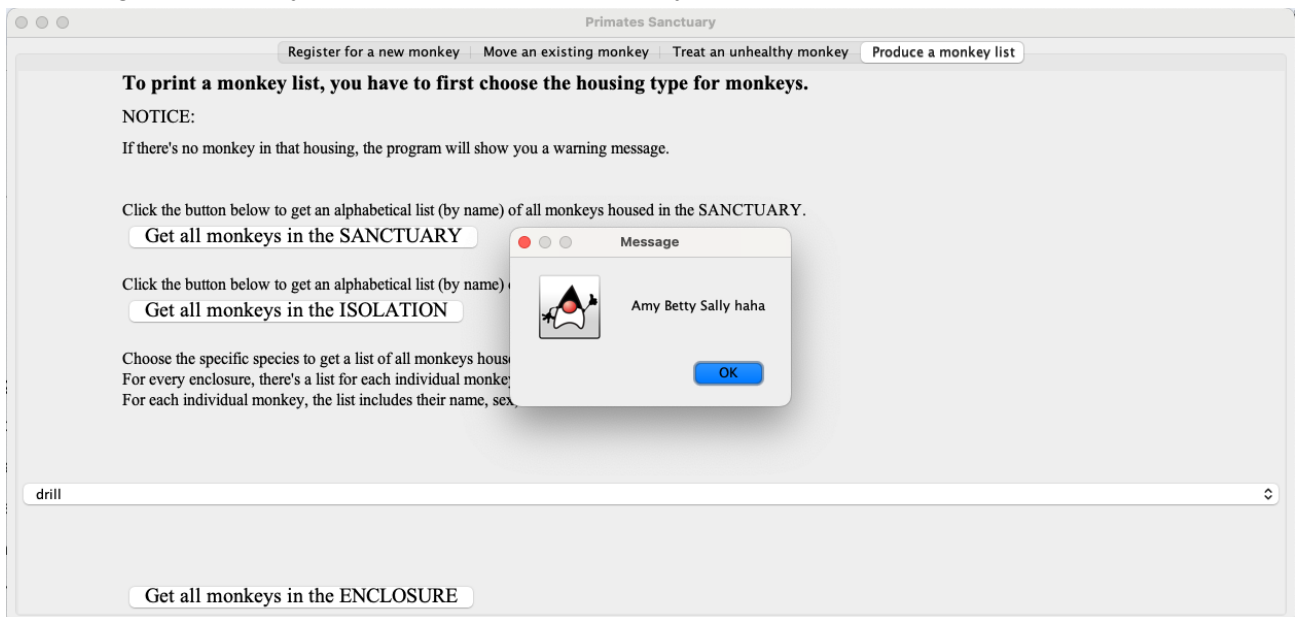Then you can move this healthy monkey to Enclosure

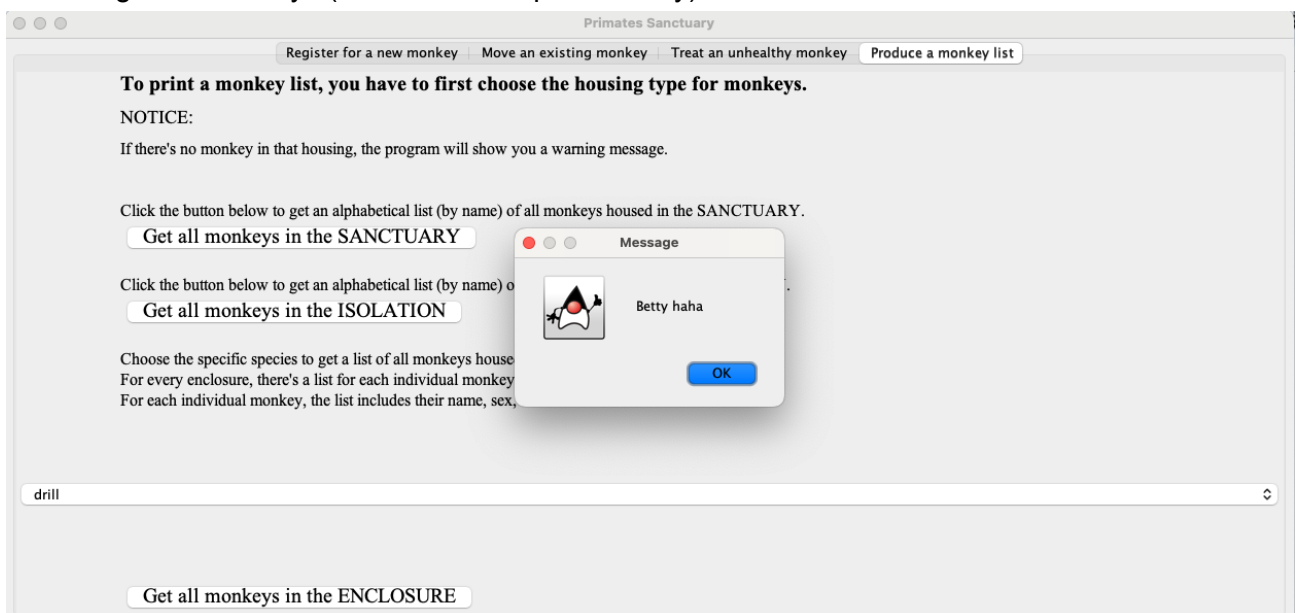Or you will see a window showing a warning because of your invalid action.

4: Produce a monkey list
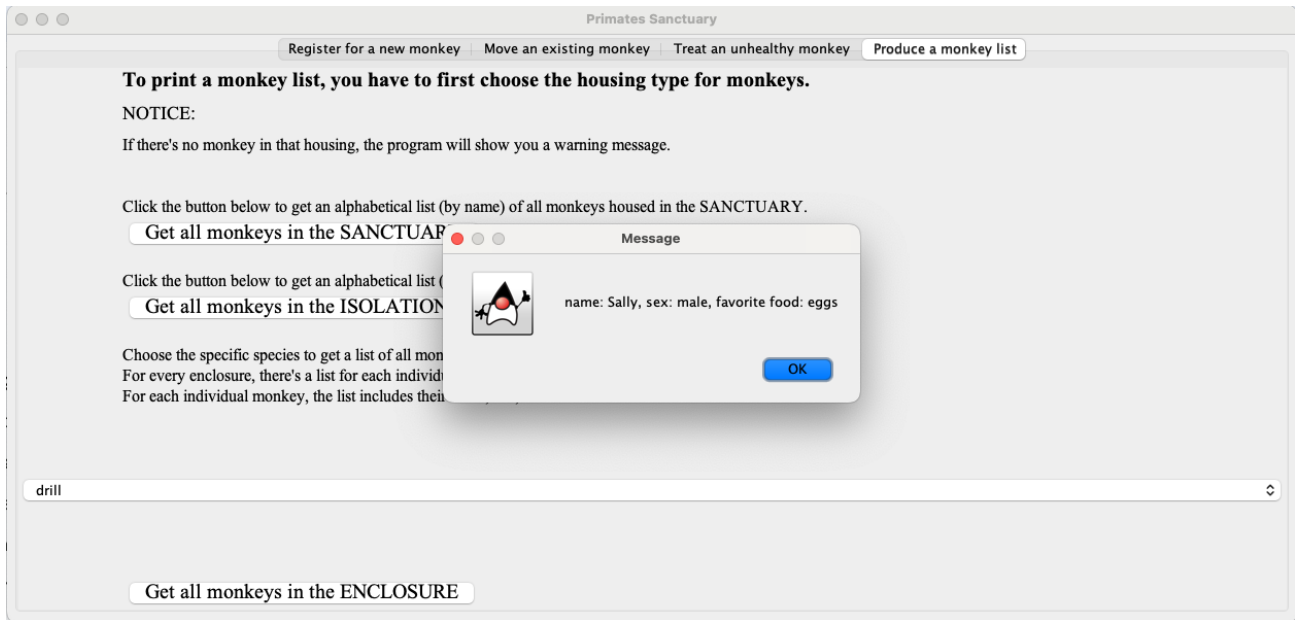
Get a monkey list based on housing type.

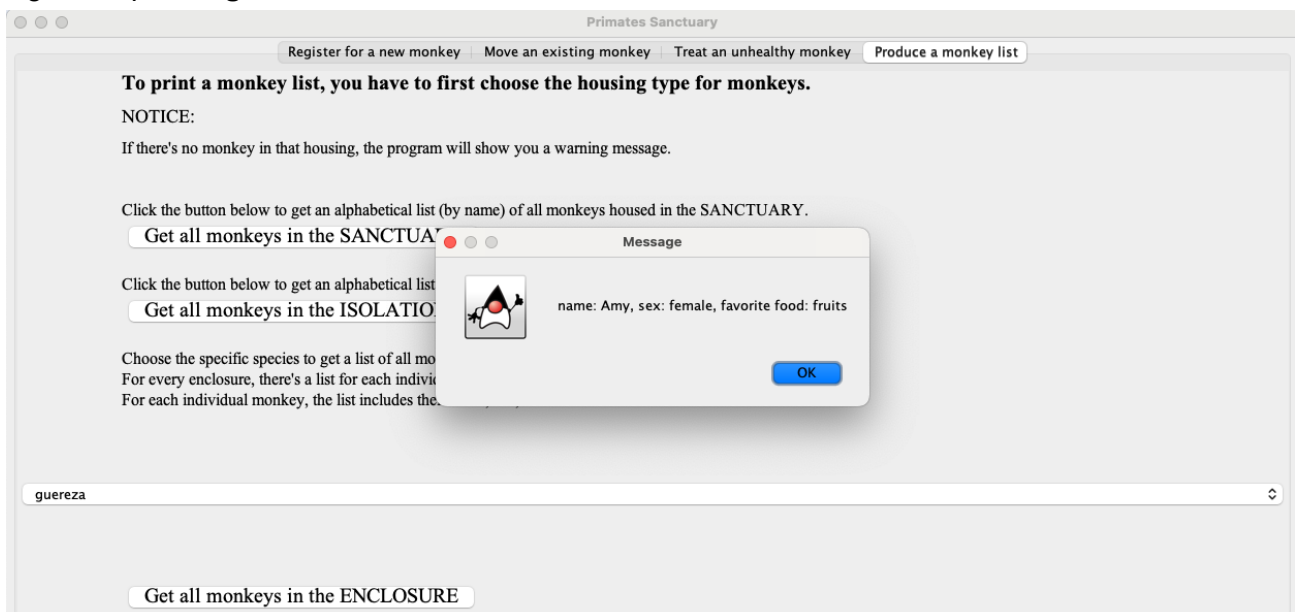You can get all monkeys (names listed alphabetically) in the SANCTUARY.

You can get all monkeys (names listed alphabetically) in the ISOLATION.

You can choose a species and get all monkeys (with the required information) in the ENCLOSURE.
e.g. For Species **drill**

e.g. For Species **guereza**

Or you will see a window showing a warning because this Enclosure has no monkey.
e.g. For Species **howler**