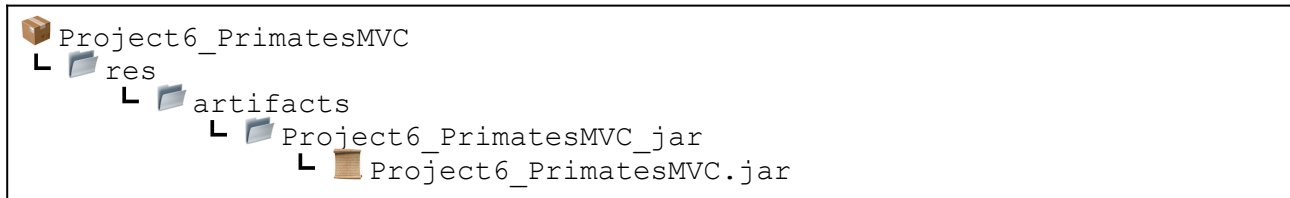# Project 06: Primates MVC

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

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.

Or you will see a warning window because of your invalid input (which means you have to enter the input by following the instructions in the NOTICE).

Or you will see a warning window because the monkey with the same name already exists in the sanctuary (which means you have to register this monkey with another name).

Or you will see a window showing a warning because there's no room in the sanctuary.

If you click the button "Get all monkeys in the SANCTUARY" to print out the monkey list in the sanctuary, you will find there are already 20 monkeys in the sanctuary.
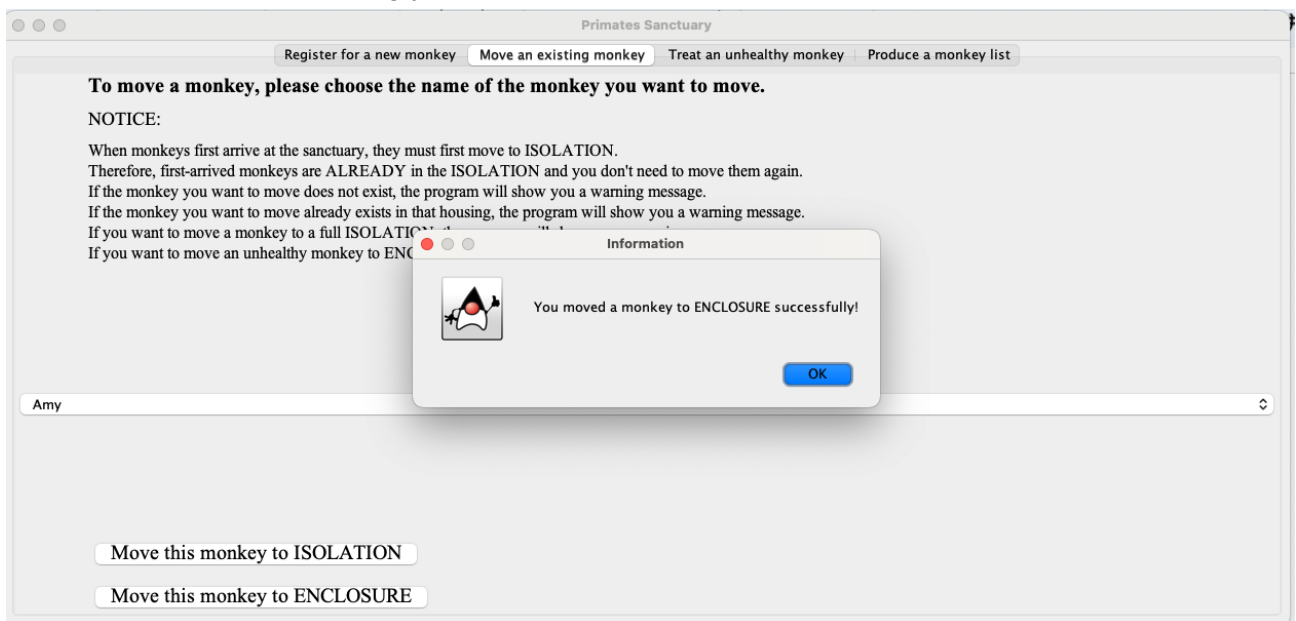
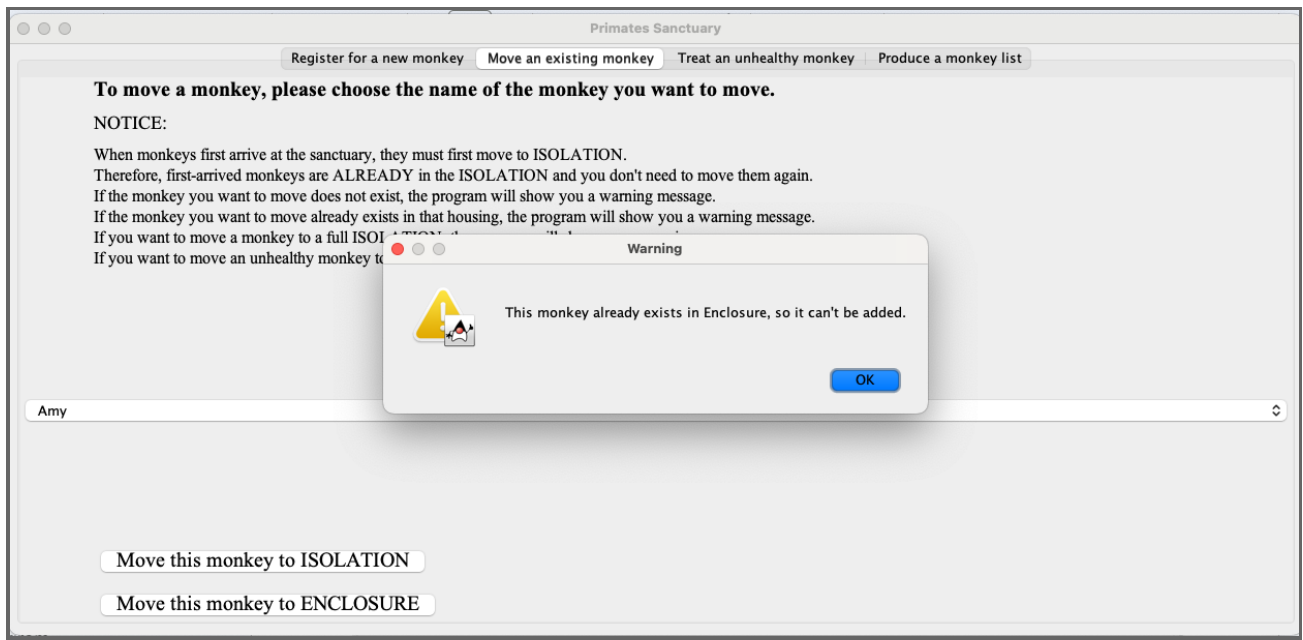## 2: Move an existing monkey

Choose the monkey you want to move.

You will see a window showing your successful move.

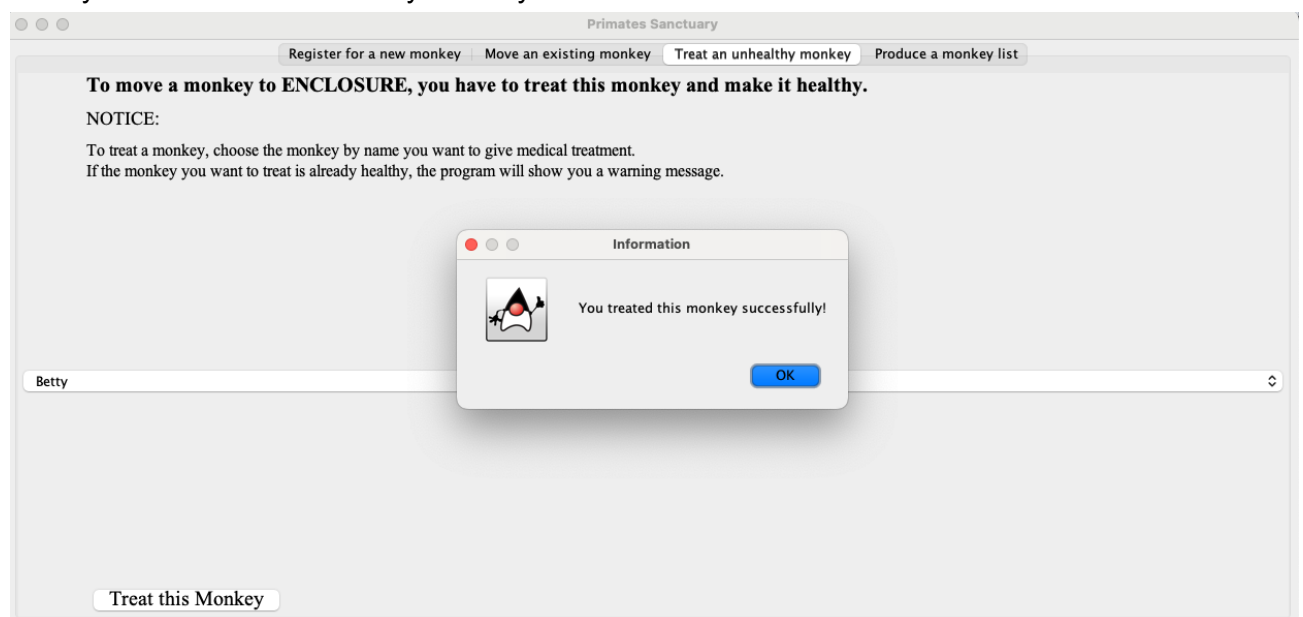Or you will see a warning window because of your invalid action.
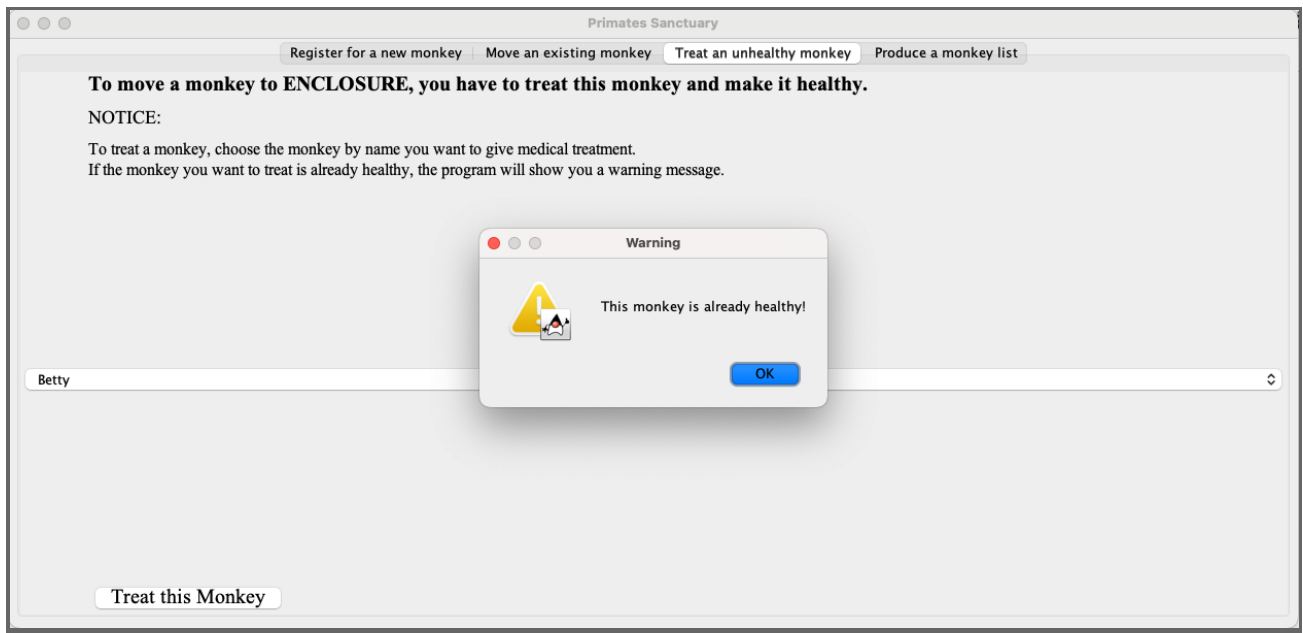

3: Treat an unhealthy monkey

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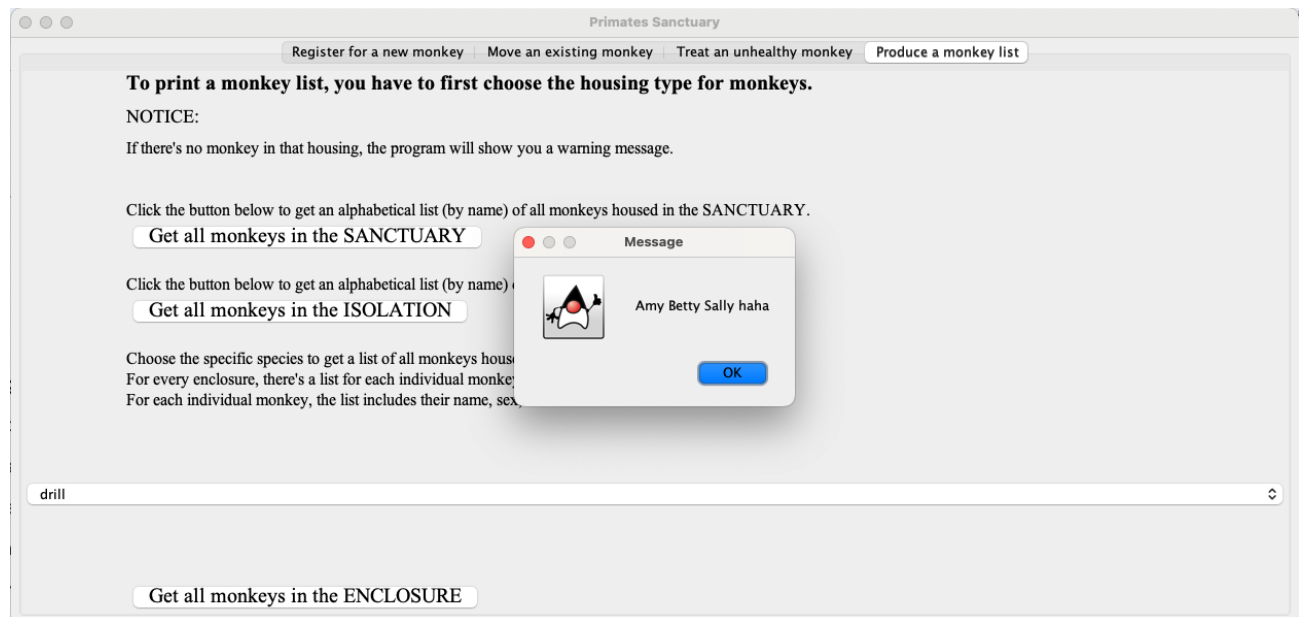Then you can move this healthy monkey to Enclosure

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

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.

Warning

This monkey is already healthy!

OK

Betty

Treat this Monkey

4: Produce a monkey list

Get a monkey list based on housing type.

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

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

Message

Amy Betty Sally haha

OK

Click the button below to get an alphabetical list (by name)

Get all monkeys in the ISOLATION

Choose the specific species to get a list of all monkeys hous
For every enclosure, there's a list for each individual monke
For each individual monkey, the list includes their name, sex
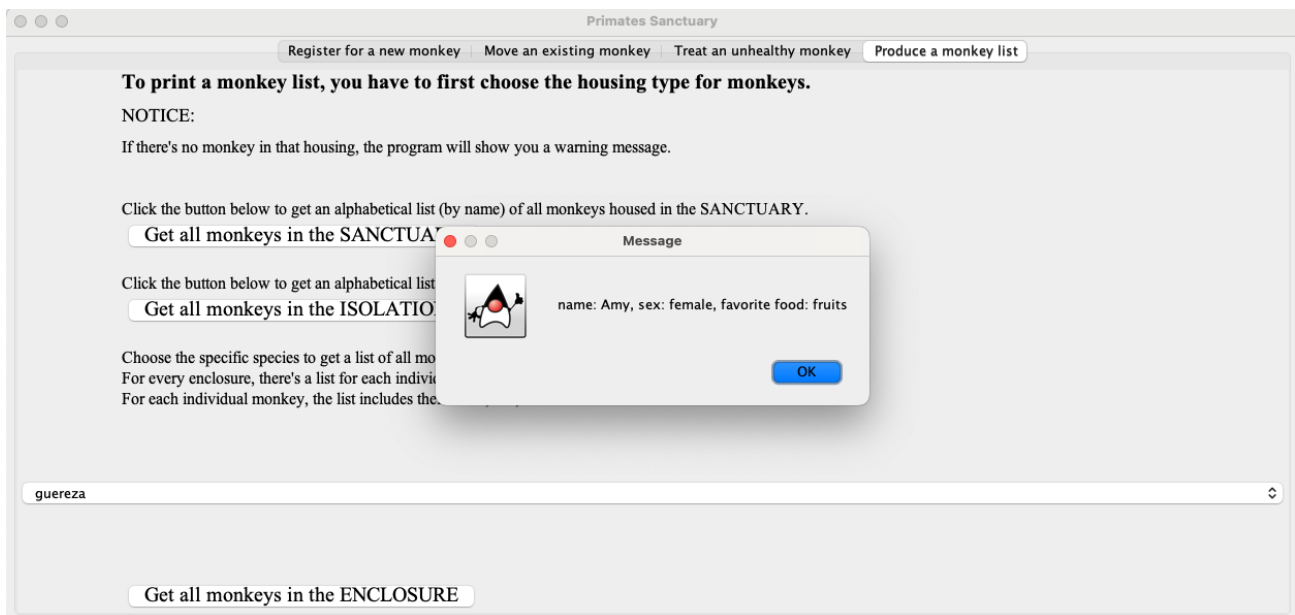
drill

Get all monkeys in the ENCLOSURE

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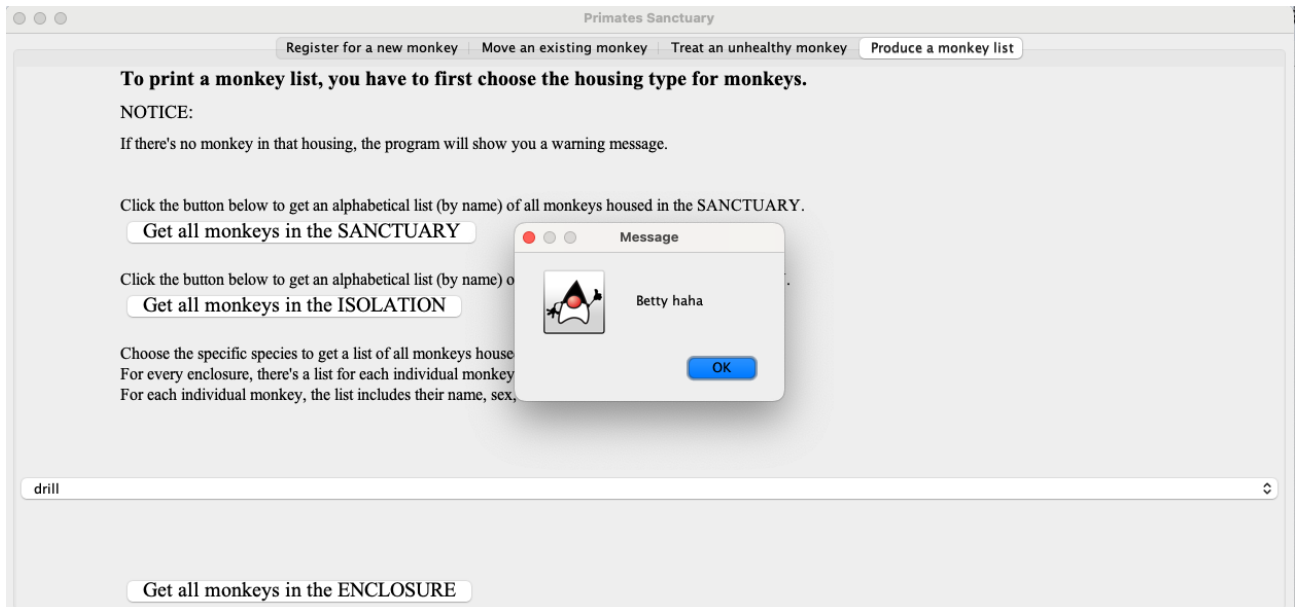
You can choose a species and get all monkeys (with the required information) in the ENCLOSURE.
e.g. For Species **drill**
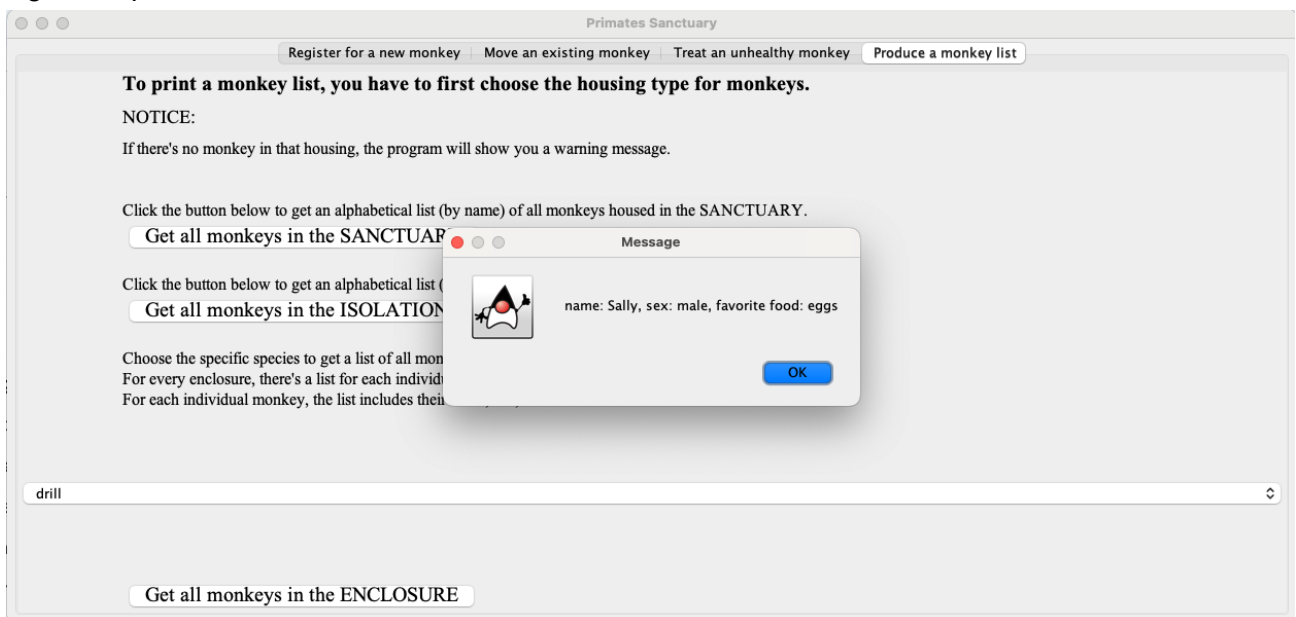
You can choose a species and get all monkeys (with the required information) in the ENCLOSURE.
e.g. For Species **guereza**

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