

```
Windows PowerShell
PS C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 23\CS 234\Project\Stage 3\Source files> javac Vet_Clinic.java
PS C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 23\CS 234\Project\Stage 3\Source files> java Vet_Clinic
Enter in quantity of medications you wish to order:
25
Enter in quantity of office supplies you wish to order:
60
Enter in quantity medical supplies you wish to order:
30
Enter in quantity of grooming supplies you wish to order:
40
Bruce is getting its checkup.
Bruce is waiting.
Bruce is going home.
Luna is getting its checkup.
Luna is waiting.
Luna is going home.
Max is being groomed.
Max is waiting.
Max is going home.
Humphrey is in surgery.
Humphrey is recovering.
Humphrey is waiting.
Humphrey is going home.
Bruce is in surgery.
Bruce is recovering.
Bruce is waiting.
Bruce is going home.
Bruce is being groomed.
Bruce is waiting.
Bruce is going home.
Lucian is getting its checkup.
Lucian is waiting.
Lucian is going home.
Chuck is in surgery.
Chuck is recovering.
Chuck is waiting.
Chuck is going home.

Medications in stock: 13
Office supplies in stock: 55
Medical supplies in stock: 15
Grooming supplies in stock: 36
```

Enter in amounts shown and also given in comments of the source code, to complete dummy info creation.

```
Windows PowerShell

Order 12 Medications to bring stock back up to Weekly Minimum
Order 5 Office supplies to bring stock back up to Weekly Minimum
Order 15 Medical supplies to bring stock back up to Weekly Minimum
Order 4 Grooming Supplies to bring stock back up to Weekly Minimum
Enter in quantity of medications you wish to order:
12
Enter in quantity of office supplies you wish to order:
5
Enter in quantity medical supplies you wish to order:
15
Enter in quantity of grooming supplies you wish to order:
4

Medications in stock: 25
Office supplies in stock: 60
Medical supplies in stock: 30
Grooming supplies in stock: 40

Financial Report
Year to date profit: $-8970

Year to date income: $0
Year to date expenses: $8970

Year to date amount spent on Medications: $1850
Year to date amount spent on Office Supplies: $1300
Year to date amount spent on Medical Supplies: $4500
Year to date amount spent on Grooming Supplies: $1320

Vince Gnodle's Total Bill is: $900
Amount paid: $50
Amount still owed: $850

Mina Gnodle's Total Bill is: $30
Amount paid: $20
Amount still owed: $10

Lawrence Gutierrez's Total Bill is: $770
Amount paid: $100
Amount still owed: $670
```

Enter amounts shown above and also given in the 'check inventory' report to replenish supply used from dummy treatments.

```
Windows PowerShell
Medical supplies in stock: 30
Grooming supplies in stock: 40

Financial Report
Year to date profit: $-8970

Year to date income: $0
Year to date expenses: $8970

Year to date amount spent on Medications: $1850
Year to date amount spent on Office Supplies: $1300
Year to date amount spent on Medical Supplies: $4500
Year to date amount spent on Grooming Supplies: $1320

Vince Gnodle's Total Bill is: $900
Amount paid: $50
Amount still owed: $850

Mina Gnodle's Total Bill is: $30
Amount paid: $20
Amount still owed: $10

Lawrence Gutierrez's Total Bill is: $770
Amount paid: $100
Amount still owed: $670

Financial Report
Year to date profit: $-8800

Year to date income: $170
Year to date expenses: $8970

Year to date amount spent on Medications: $1850
Year to date amount spent on Office Supplies: $1300
Year to date amount spent on Medical Supplies: $4500
Year to date amount spent on Grooming Supplies: $1320

Select an option:
1. Customer Menu
2. Employee Menu
3. Quit
```

Main menu will then pop up, with the options to go down the customer path, employee path or to quit. Quit will return you to the main menu, welcome screen will be added later on.

```
Windows PowerShell
Year to date expenses: $8970

Year to date amount spent on Medications: $1850
Year to date amount spent on Office Supplies: $1300
Year to date amount spent on Medical Supplies: $4500
Year to date amount spent on Grooming Supplies: $1320

Select an option:
1. Customer Menu
2. Employee Menu
3. Quit
1
You chose 1, Customer Menu
Select an option:
1. New Customer
2. Existing Customer
3. Go Back
1
You selected New Customer
Enter in animals name:
Spike
Enter in animals age:
1
Enter in animals species:
Dog
Enter in animals breed(if unknown enter in 'unknown'):
Pitbull
Enter in owner's first and last name:
Vince Gnodle
Enter in owner's date of birth in mm/dd/yyyy format:
01/01/1995
Enter in owner's phone number including area code in form xxx-xxx-xxxx:
505-304-9540

Select an option:
1. Billing Menu
2. Treatment Menu
3. Add info to patient profile
4. Go Back
|
```

Starting down the customer path, a second menu will appear with the options of new user, existing user or go back to the main menu. New customer will prompt you to enter animal and personal info to create their profiles in the system. Existing customer will ask you to search by either animal or personal info to access their profile before performing any actions.

Customer menu 2 will appear either after creation of new profile or searching for an existing one. This menu gives all customers the options to see and pay their bill, schedule a treatment for their pet, or add info to their pets profile.

```
Windows PowerShell
Going back...
Select an option:
1. New Customer
2. Existing Customer
3. Go Back
2
You selected Existing Customer
Select an option:
1. Search by Animal
2. Search by Owner
3. Go Back
1
Searching by Animal...
Enter in animals name:
bruce
Enter in animals species:
cat
Select an option:
1. Billing Menu
2. Treatment Menu.
3. Add info to patient profile
4. Go Back
4
Going back...
Select an option:
1. New Customer
2. Existing Customer
3. Go Back
2
You selected Existing Customer
Select an option:
1. Search by Animal
2. Search by Owner
3. Go Back
2
Searching by Owner
Enter in owner's name:
```

```
Windows PowerShell
Enter in animals name:
bruce
Enter in animals species:
cat
Select an option:
1. Billing Menu
2. Treatment Menu.
3. Add info to patient profile
4. Go Back
4
Going back...
Select an option:
1. New Customer
2. Existing Customer
3. Go Back
2
You selected Existing Customer
Select an option:
1. Search by Animal
2. Search by Owner
3. Go Back
2
Searching by Owner
Enter in owner's name:
vince Gnodle
Enter in owner's DOB in format mm/dd/yyyy:
01/01/1989
Animal not found, check your info and try again.
Enter in owner's name:
vince gnodle
Enter in owner's DOB in format mm/dd/yyyy:
01/01/1990
Select an option:
1. Billing Menu
2. Treatment Menu.
3. Add info to patient profile
4. Go Back
|
```

```
Windows PowerShell
You chose 1, Billing
The current bill is : $850
Would you like to pay the bill?
yes
Please enter in amount that is to be paid:
250
Vince Gnodle's Total Bill is: $850
Amount paid: $250
Amount still owed: $600

Select an option:
1. Billing Menu
2. Treatment Menu.
3. Add info to patient profile
4. Go Back
2

You chose 2, Treatments

Please select a treatment to schedule:
1. Grooming
2. Surgery
3. Checkup
4. Go Back
1

You chose 1, Grooming
Enter in desired appointment date in format mm/dd/yyyy
01/01/2023
Enter in desired appointment time in format hh:mm
09:00

Appointment is Unavailable, please enter in another time slot:
Enter in desired appointment date in format mm/dd/yyyy
01/01/2023
Enter in desired appointment time in format hh:mm
02:00
Your appointment has been accepted, thank you!

Please select a treatment to schedule:
```

Billing shows the current bill and asks you if you want to pay it or not. Treatment menu presents a menu of available treatments. Once a treatment is selected, that calendar will be accessed and you will be prompted to enter desired appointment and you will be informed if it is available or not. If not you will need to enter another date or time.

```
Windows PowerShell
1

Searching by Animal...
Enter in animals name:
bruce
Enter in animals species:
cat

Select an option:
1. Billing Menu
2. Treatment Menu.
3. Add info to patient profile
4. Go Back
3

You chose 3, Add info

Please select which info you would like to add to:
1. Allergies
2. Medications
3. Dr. Notes
4. Go Back
1

Enter in info you wish to add: Exercise

You chose 1, Allergies

Please select which info you would like to add to:
1. Allergies
2. Medications
3. Dr. Notes
4. Go Back
4

You chose 4, Go Back
Select an option:
1. Customer Menu
2. Employee Menu
3. Quit
```

Add info will allow you to add additional info to your pets profile. These three options are given or you can go back to the main menu.

```
Windows PowerShell
2
You chose 2, Employee Menu
Select an option:
1. Billing Menu
2. Treatment Menu
3. Cancel Appointment
4. Place animal menu
5. Generate Report
6. Inventory
7. Add Patient Information
8. Go Back
3
Search by Animal or Owner?
animal

Enter in animals name:
bruce
Enter in animals species:
cat

You chose 3, Cancel appointment

What type of appointment do you wish to cancel?
1. Surgery
2. Grooming
3. Checkup
4. Go Back
2

Accessing Grooming Calendar...
Enter in desired appointment date in format mm/dd/yyyy
01/01/2023
Enter in desired appointment time in format hh:mm
09:00
Appointment has been cancelled!

What type of appointment do you wish to cancel?
1. Surgery
2. Grooming
3. Checkup
4. Go Back
|
```

Employee menu is shown above with more options than the customer menu. Billing, treatment menu, and add Patient Information will as the customer menu. Cancel appointment allows employee to cancel an appointment for a customer. For all options other than 5,6, or 8, you will be prompted to search by either animal or owner, once found you can select the type of appointment to cancel. Once selected, you will be prompted to enter the date and time of appointment. If the appointment exists it will be deleted from the schedule.

```
Windows PowerShell
4
Search by Animal or Owner?
owner

Enter in owner's name:
vince gnodle
Enter in owner's DOB in format mm/dd/yyyy:
01/01/1990

You chose 4, Place animal

Where are you sending the Patient?
1. Surgery
2. Grooming
3. Dr.s Office
4. Waiting room
5. Go Back
1

Sending the patient to Surgery...
Bruce is in surgery.
Bruce is recovering.
Bruce is waiting.
Bruce is going home.

Where are you sending the Patient?
1. Surgery
2. Grooming
3. Dr.s Office
4. Waiting room
5. Go Back
2

Sending the animal to get Groomed...
Bruce is being groomed.
Bruce is waiting.
Bruce is going home.

Where are you sending the Patient?
1. Surgery
2. Grooming
3. Dr.s Office
```

Placing animal allows you to send an animal to a location In the clinic based on the treatment they are receiving.

```
Windows PowerShell
You chose 5, Generate Report
Financial Report
Year to date profit: $-4380

Year to date income: $420
Year to date expenses: $4800

Year to date amount spent on Medications: $1200
Year to date amount spent on Office Supplies: $480
Year to date amount spent on Medical Supplies: $2400
Year to date amount spent on Grooming Supplies: $720

Select an option:
1. Billing Menu
2. Treatment Menu
3. Cancel Appointment
4. Place animal menu
5. Generate Report
6. Inventory
7. Add Patient Information
8. Go Back
6

You chose 6, Inventory
Checking Inventory...

Medications in stock: 8
Office supplies in stock: 18
Medical supplies in stock: 4
Grooming supplies in stock: 18

Order 17 Medications to bring stock back up to Weekly Minimum
Order 42 Office supplies to bring stock back up to Weekly Minimum
Order 26 Medical supplies to bring stock back up to Weekly Minimum
Order 22 Grooming Supplies to bring stock back up to Weekly Minimum

Select inventory you wish to order:
1. Medications
2. Office Supplies
3. Medical Supplies
4. Grooming Supplies
```

5. Generate Report will generate a financial report for the year to date. 6. Inventory will provide a check of your clinics inventory and then give prompts to order amount needed to maintain weekly minimum. This will then present options for which supplies you wish to order.

```
Windows PowerShell
Medications in stock: 8
Office supplies in stock: 18
Medical supplies in stock: 4
Grooming supplies in stock: 18

Order 17 Medications to bring stock back up to Weekly Minimum
Order 42 Office supplies to bring stock back up to Weekly Minimum
Order 26 Medical supplies to bring stock back up to Weekly Minimum
Order 22 Grooming Supplies to bring stock back up to Weekly Minimum

Select inventory you wish to order:
1. Medications
2. Office Supplies
3. Medical Supplies
4. Grooming Supplies
5. Go Back to Employee Menu
1

Accessing Medication Inventory...
Enter in quantity of medications you wish to order:
17

Select inventory you wish to order:
1. Medications
2. Office Supplies
3. Medical Supplies
4. Grooming Supplies
5. Go Back to Employee Menu
2

Accessing Office Supply Inventory...
Enter in quantity of office supplies you wish to order:
42

Select inventory you wish to order:
1. Medications
2. Office Supplies
3. Medical Supplies
4. Grooming Supplies
5. Go Back to Employee Menu
|
```

```
Windows PowerShell
2
Accessing Office Supply Inventory...
Enter in quantity of office supplies you wish to order:
42

Select inventory you wish to order:
1. Medications
2. Office Supplies
3. Medical Supplies
4. Grooming Supplies
5. Go Back to Employee Menu
5

Going back to the employee menu...Select an option:
1. Billing Menu
2. Treatment Menu
3. Cancel Appointment
4. Place animal menu
5. Generate Report
6. Inventory
7. Add Patient Information
8. Go Back
8

Going back...
Select an option:
1. Customer Menu
2. Employee Menu
3. Quit
3

You chose to quit, goodbye!
Select an option:
1. Billing Menu
2. Treatment Menu
3. Cancel Appointment
4. Place animal menu
5. Generate Report
6. Inventory
7. Add Patient Information
8. Go Back
|
```

Continuing to select “go back” will return you to the main menu.