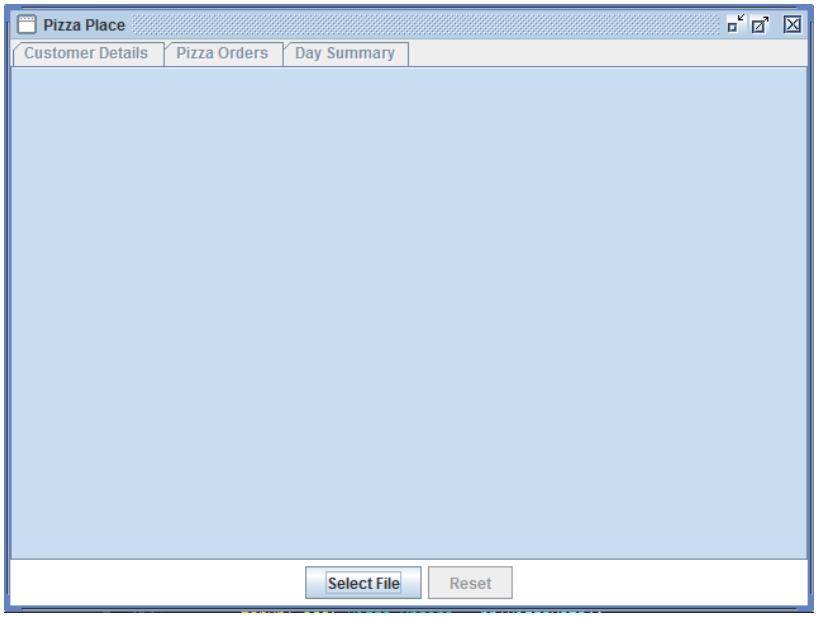
CAB302 Assignment 2

Sean Betts: n8865434 (Pizza Tests, Customer Implementation)

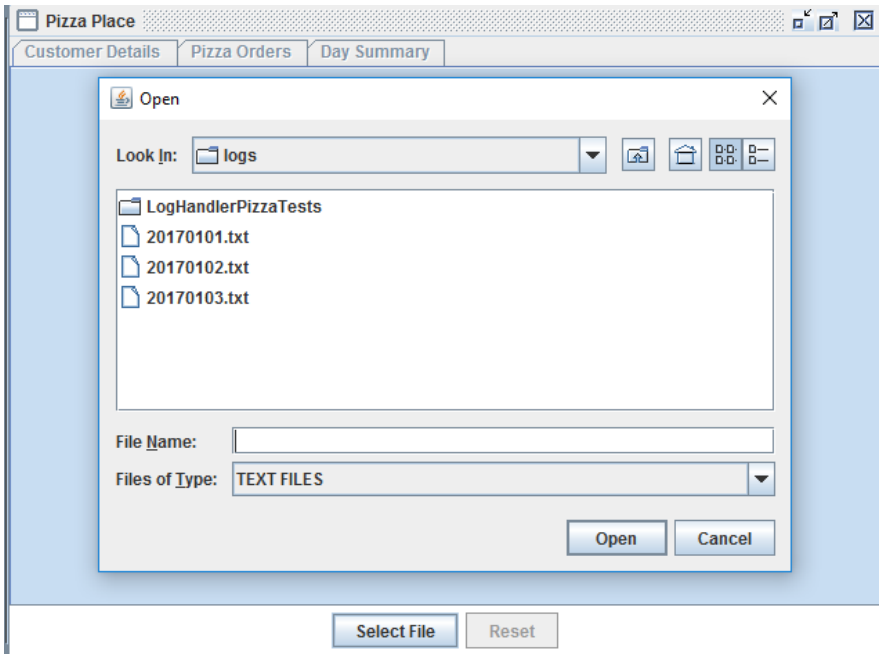
Michael de Closey: n9165924 (Customer Tests, Pizza Implementation)

GUI Screenshots

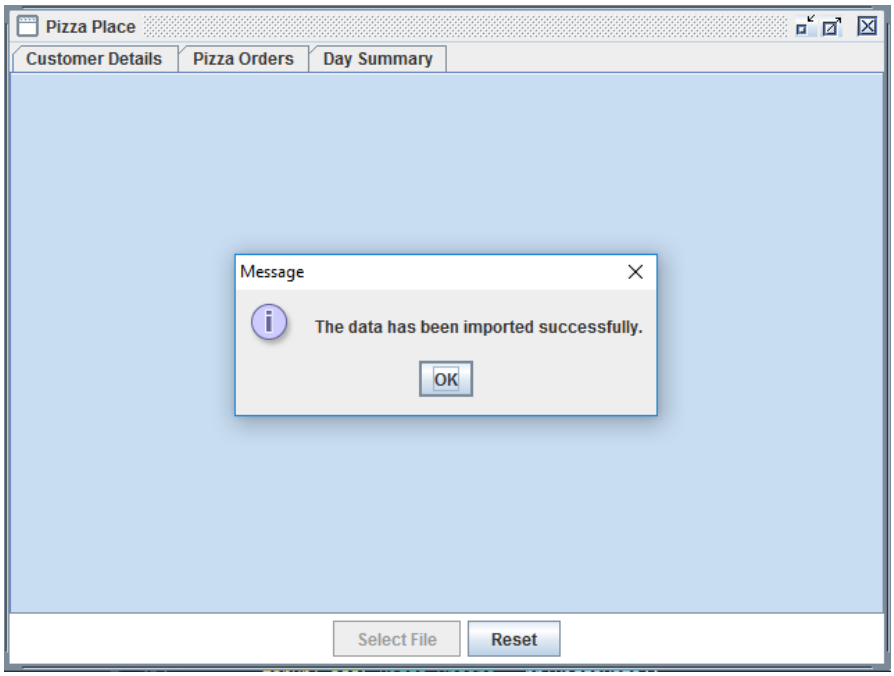
Start Screen:



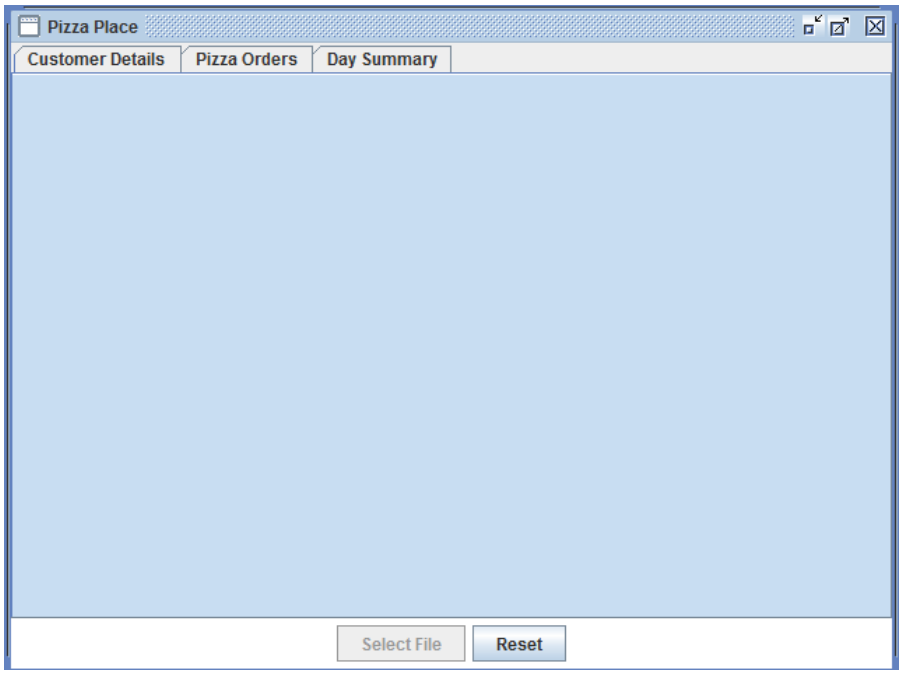
Opening File Chooser by clicking “Select File”:



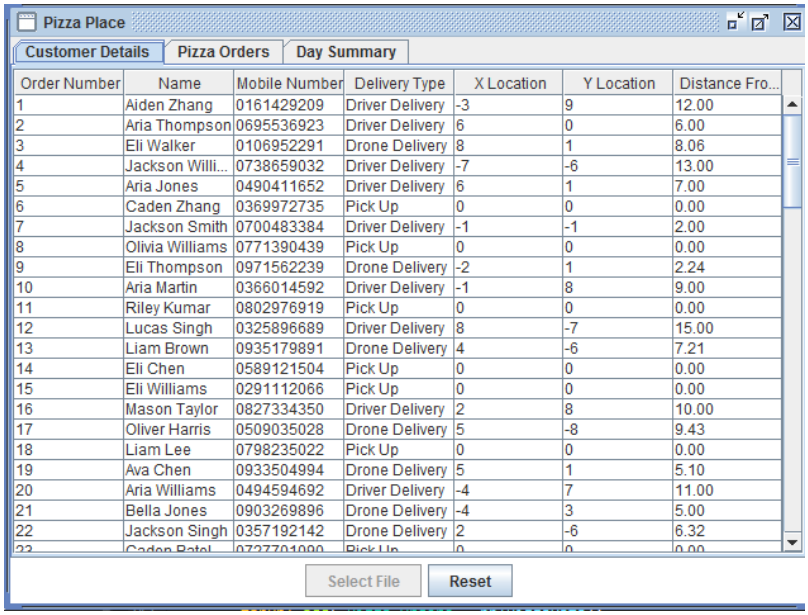
Selecting a text file and successfully importing:



Clearing prompt:

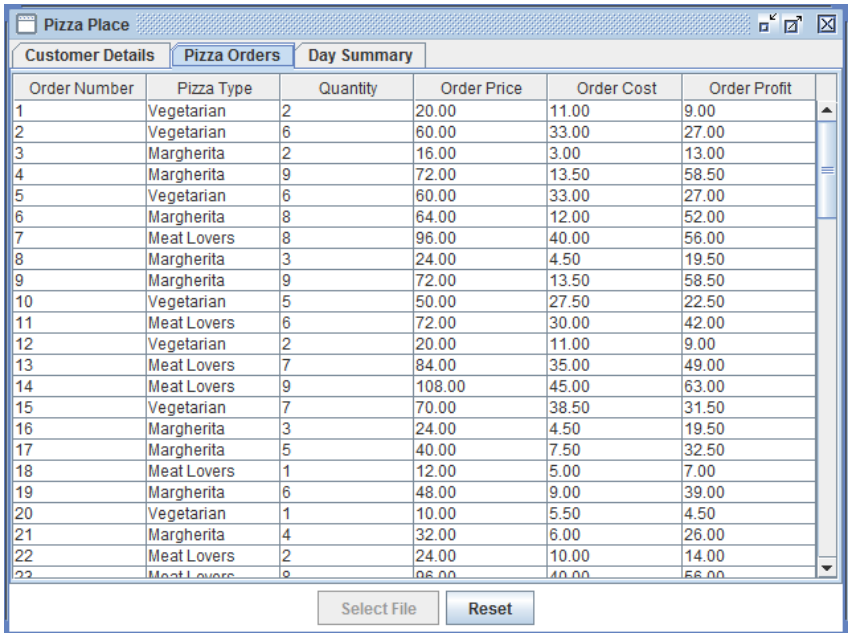


Successfully Displaying Customer Details by clicking the “Customer Details” tab:



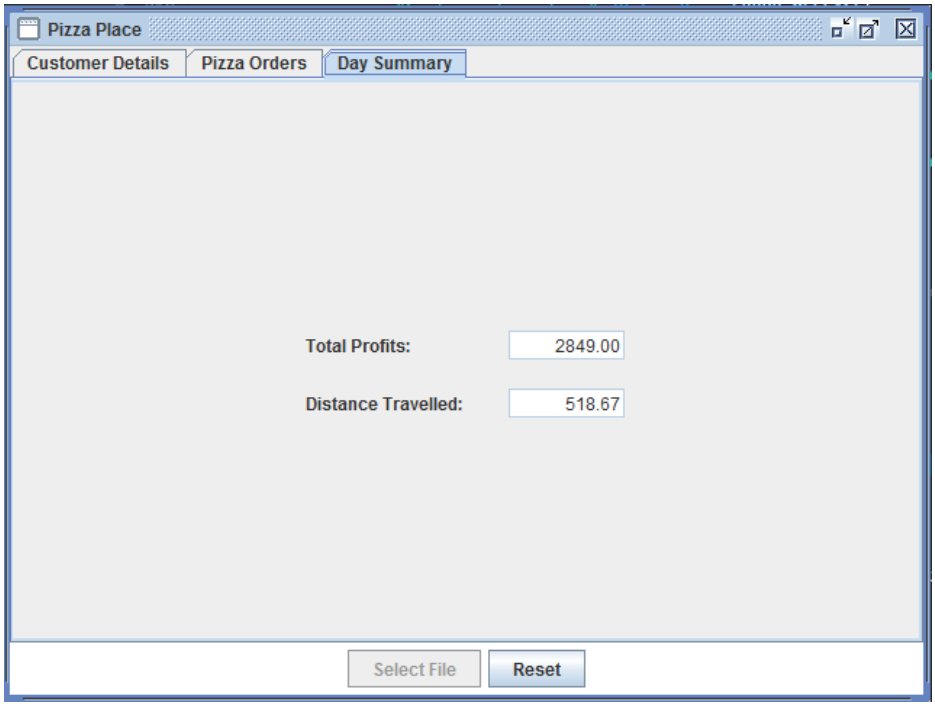
Order Number	Name	Mobile Number	Delivery Type	X Location	Y Location	Distance Fro...
1	Aiden Zhang	0161429209	Driver Delivery	-3	9	12.00
2	Aria Thompson	0695536923	Driver Delivery	6	0	6.00
3	Eli Walker	0106952291	Drone Delivery	8	1	8.06
4	Jackson Willi...	0738659032	Driver Delivery	-7	-6	13.00
5	Aria Jones	0490411652	Driver Delivery	6	1	7.00
6	Caden Zhang	0369972735	Pick Up	0	0	0.00
7	Jackson Smith	0700483384	Driver Delivery	-1	-1	2.00
8	Olivia Williams	0771390439	Pick Up	0	0	0.00
9	Eli Thompson	0971562239	Drone Delivery	-2	1	2.24
10	Aria Martin	0366014592	Driver Delivery	-1	8	9.00
11	Riley Kumar	0802976919	Pick Up	0	0	0.00
12	Lucas Singh	0325896689	Driver Delivery	8	-7	15.00
13	Liam Brown	0935179891	Drone Delivery	4	-6	7.21
14	Eli Chen	0589121504	Pick Up	0	0	0.00
15	Eli Williams	0291112066	Pick Up	0	0	0.00
16	Mason Taylor	0827334350	Driver Delivery	2	8	10.00
17	Oliver Harris	0509035028	Drone Delivery	5	-8	9.43
18	Liam Lee	0798235022	Pick Up	0	0	0.00
19	Ava Chen	0933504994	Drone Delivery	5	1	5.10
20	Aria Williams	0494594692	Driver Delivery	-4	7	11.00
21	Bella Jones	0903269896	Drone Delivery	-4	3	5.00
22	Jackson Singh	0357192142	Drone Delivery	2	-6	6.32
23	Caden Patel	0727701090	Pick Up	0	0	0.00

Successfully Displaying Pizza Order information by clicking the “Pizza Orders” tab:

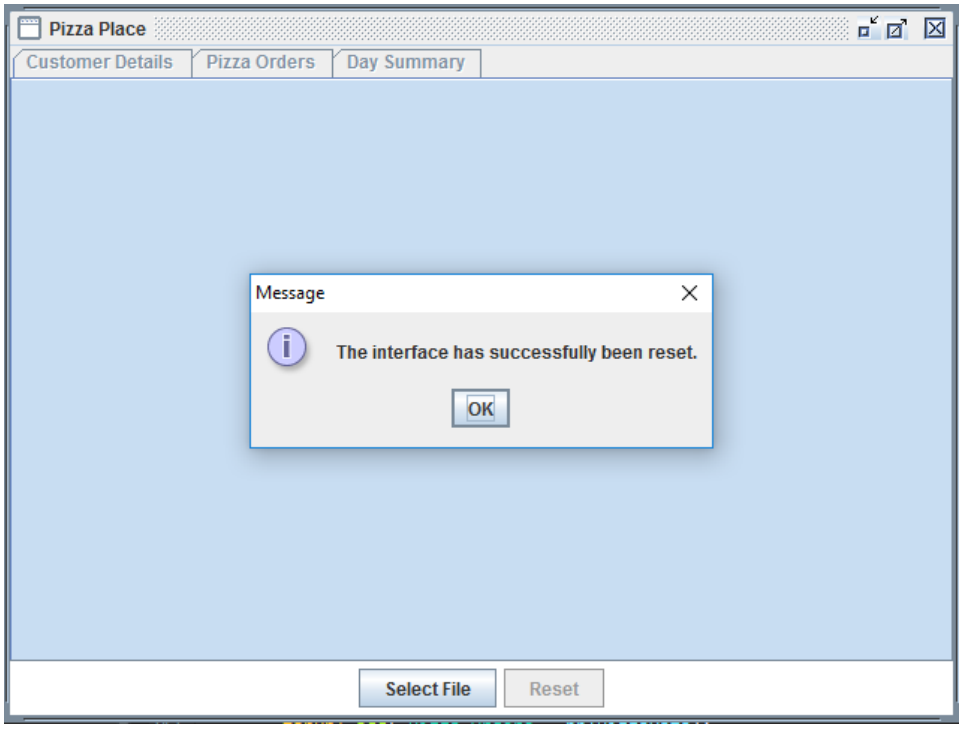


Order Number	Pizza Type	Quantity	Order Price	Order Cost	Order Profit
1	Vegetarian	2	20.00	11.00	9.00
2	Vegetarian	6	60.00	33.00	27.00
3	Margherita	2	16.00	3.00	13.00
4	Margherita	9	72.00	13.50	58.50
5	Vegetarian	6	60.00	33.00	27.00
6	Margherita	8	64.00	12.00	52.00
7	Meat Lovers	8	96.00	40.00	56.00
8	Margherita	3	24.00	4.50	19.50
9	Margherita	9	72.00	13.50	58.50
10	Vegetarian	5	50.00	27.50	22.50
11	Meat Lovers	6	72.00	30.00	42.00
12	Vegetarian	2	20.00	11.00	9.00
13	Meat Lovers	7	84.00	35.00	49.00
14	Meat Lovers	9	108.00	45.00	63.00
15	Vegetarian	7	70.00	38.50	31.50
16	Margherita	3	24.00	4.50	19.50
17	Margherita	5	40.00	7.50	32.50
18	Meat Lovers	1	12.00	5.00	7.00
19	Margherita	6	48.00	9.00	39.00
20	Vegetarian	1	10.00	5.50	4.50
21	Margherita	4	32.00	6.00	26.00
22	Meat Lovers	2	24.00	10.00	14.00
23	Meat Lovers	8	96.00	40.00	56.00

Calculating and Displaying Total Profit/Total Distance by clicking the “Day Summary” tab:

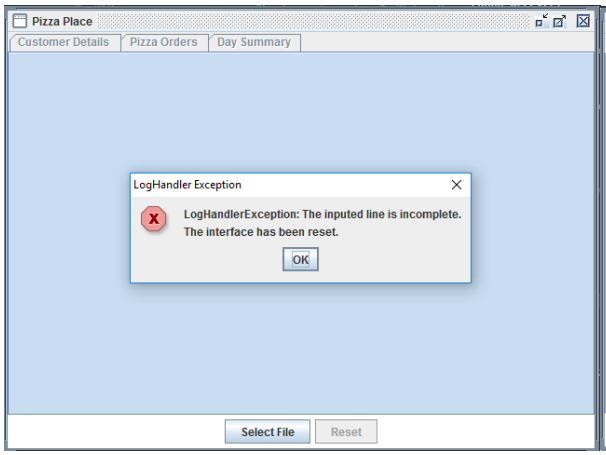


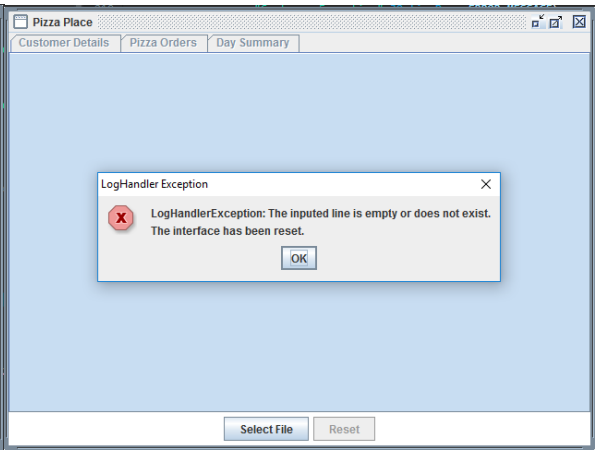
Successfully Resetting the System and Clearing All information by clicking the “Reset” button:

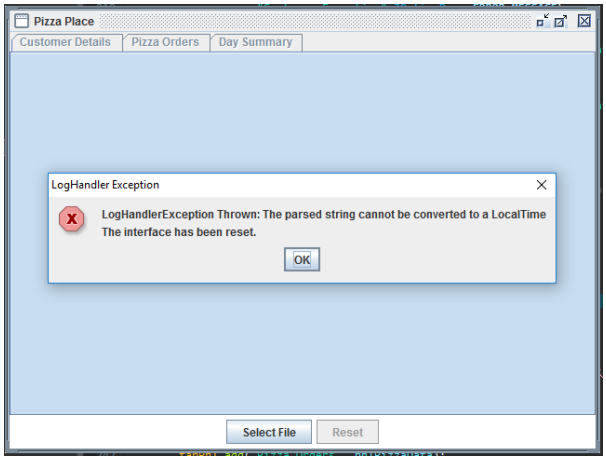


Informing the user when a Log File Contains Invalid Details:

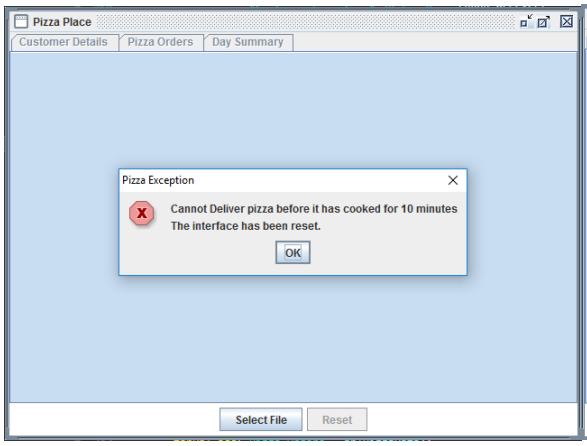
LogHandler Exceptions:

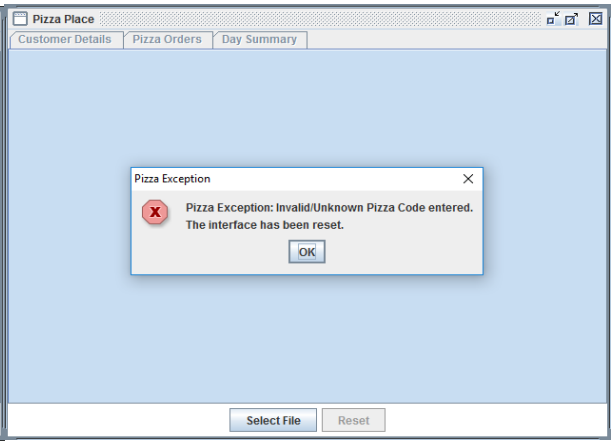


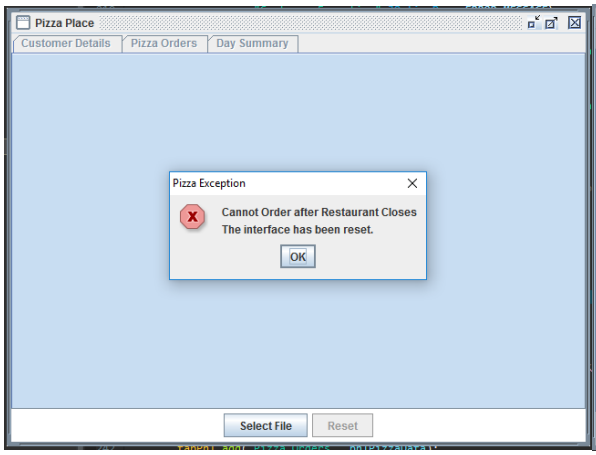


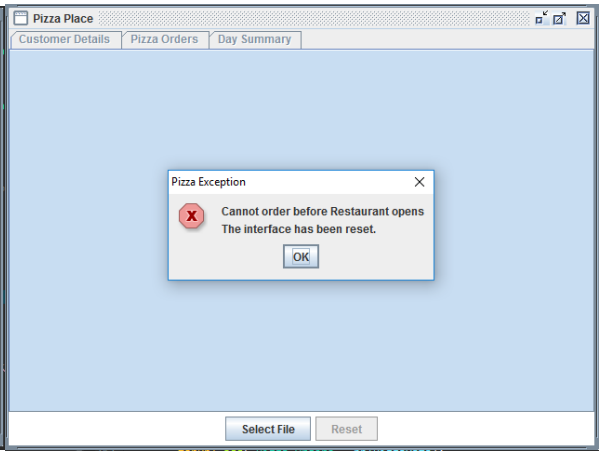


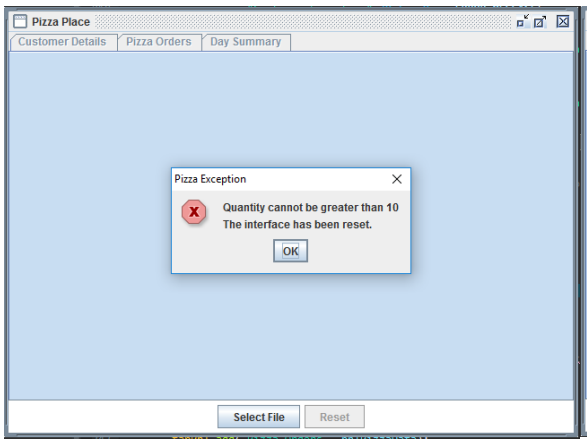
Pizza Exceptions:

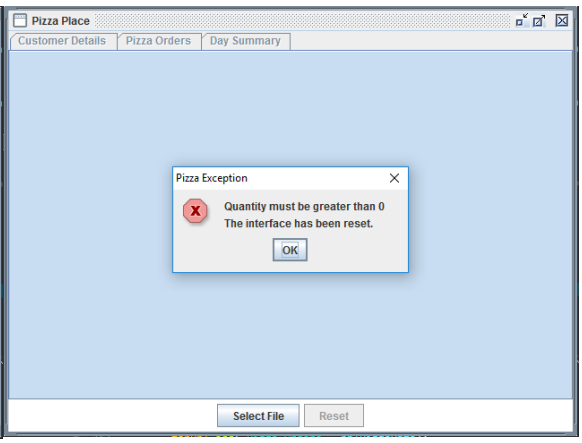




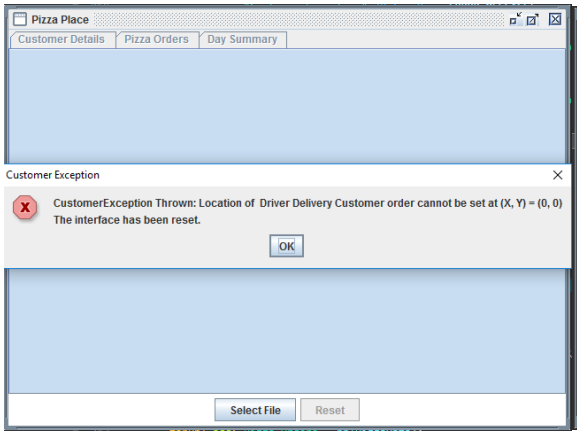


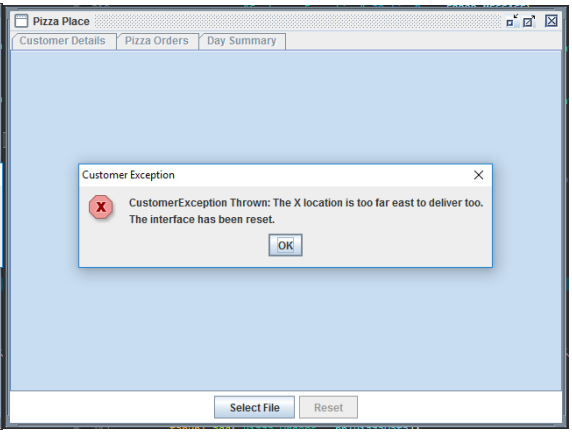


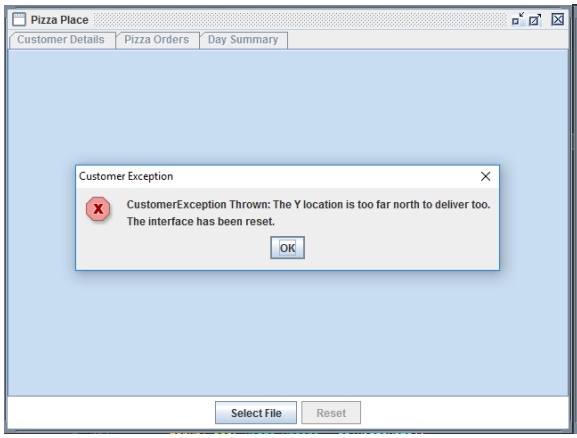


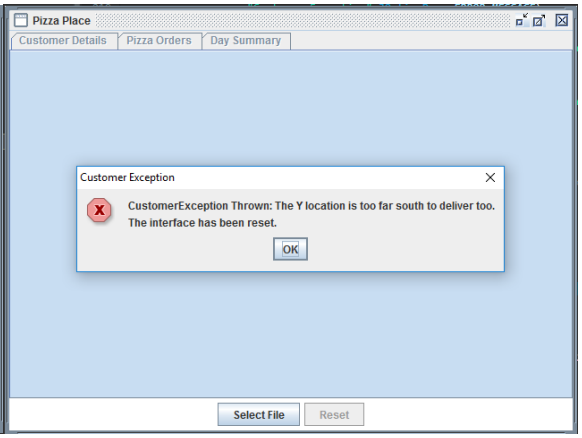


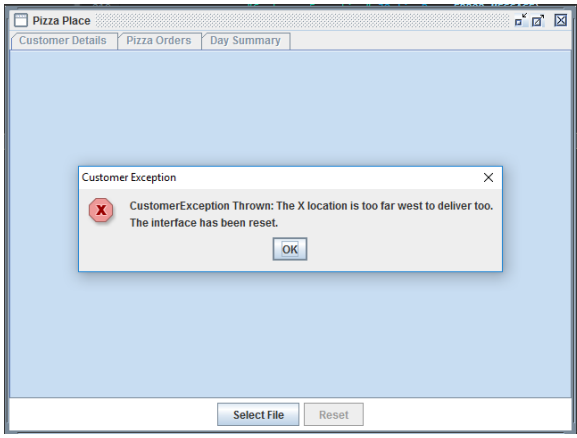
Customer Exceptions:

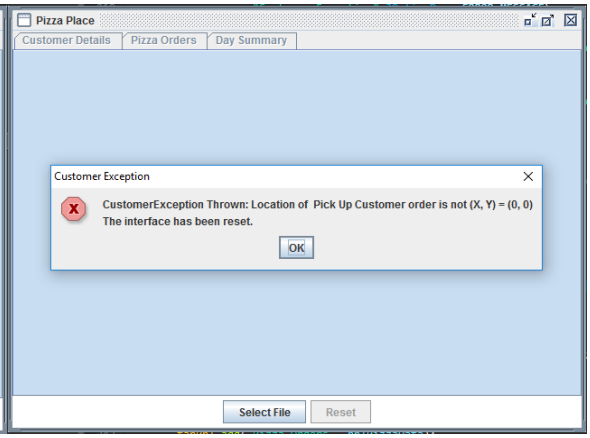


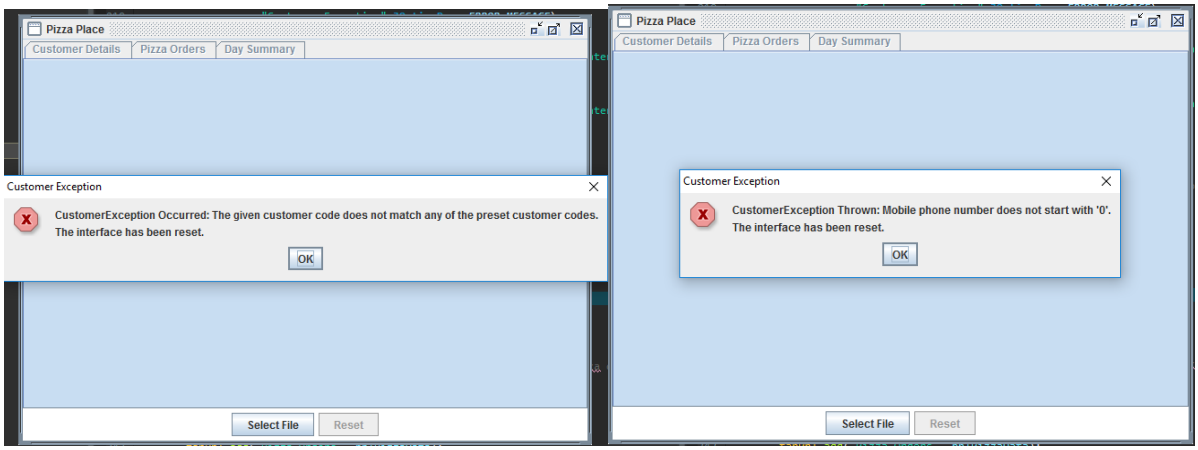


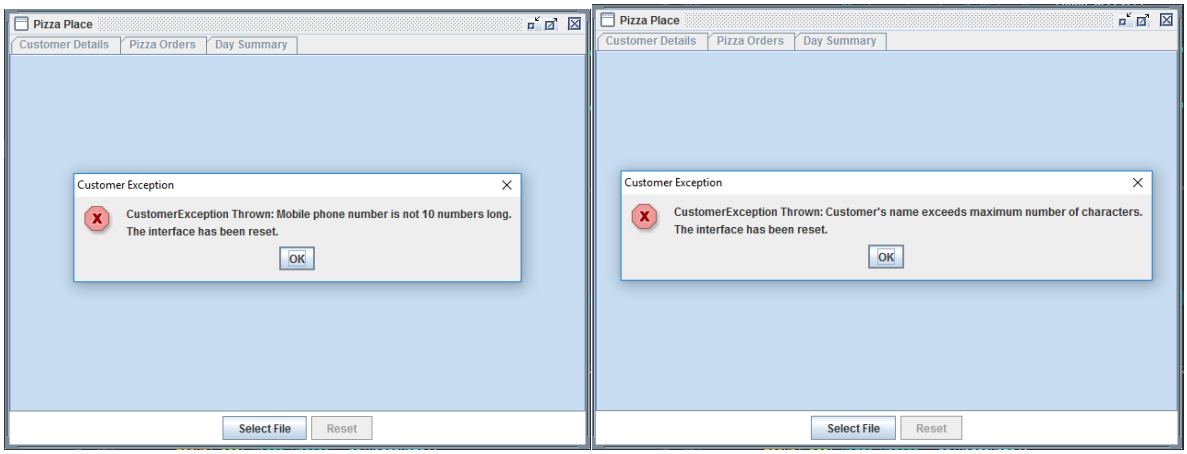









Pizza Place
Customer Details
Pizza Orders
Day Summary
Customer Exception
CustomerException Occurred: The given customer code does not match any of the preset customer codes.
The interface has been reset.
OK
Select File
Reset
Pizza Place
Customer Details
Pizza Orders
Day Summary
Customer Exception
CustomerException Thrown: Mobile phone number does not start with '0'.
The interface has been reset.
OK
Select File
Reset


Pizza Place
Customer Details
Pizza Orders
Day Summary
Customer Exception
CustomerException Thrown: Mobile phone number is not 10 numbers long.
The interface has been reset.
OK
Select File
Reset
Pizza Place
Customer Details
Pizza Orders
Day Summary
Customer Exception
CustomerException Thrown: Customer's name exceeds maximum number of characters.
The interface has been reset.
OK
Select File
Reset