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## GUI

### 1. Start

The screenshot shows the 'Pizza Place' application window. It features a title bar with the application name and standard window controls. The main area is divided into two columns: 'Customer Details' on the left and 'Pizza Details' on the right. Each column has a header row with specific fields: 'Customer Details' includes 'Customer Na...', 'Mobile', 'Type', 'X/Y location', and 'Delivery Dista...'; 'Pizza Details' includes 'Pizza Type', 'Quantity', 'Order Price', 'Order Cost', and 'Order Profit'. Below these columns are input fields for 'Total Distance' and 'Total Profit', followed by four buttons: 'open', 'view', 'total', and 'reset'.

Customer Details					Pizza Details				
Customer Na...	Mobile	Type	X/Y location	Delivery Dista...	Pizza Type	Quantity	Order Price	Order Cost	Order Profit

Total Distance:  Total Profit:

### 2. Loading a log file

This screenshot shows the same 'Pizza Place' application window as before, but with a 'Message' dialog box centered on the screen. The dialog box has a title bar, a close button, and an information icon. It displays the message 'Successfully loaded a log file' and an 'OK' button. The background application window is dimmed.

Message

Successfully loaded a log file

OK

### 3. Displaying the customer and order data

Pizza Place

Customer Details					Pizza Details				
Customer Na...	Mobile	Type	X/Y location	Delivery Dista...	Pizza Type	Quantity	Order Price	Order Cost	Order Profit
Emma Brown	0602547760	Driver Delivery	-1/0	1.00 blocks	Vegetarian	5	50.0	\$27.50	\$22.50
Lucas Anders...	0755201141	Drone Delivery	-4/5	6.40 blocks	Meat Lovers	9	108.0	\$45.00	\$63.00
Sophia Singh	0193102468	Drone Delivery	1/8	8.06 blocks	Vegetarian	2	20.0	\$11.00	\$9.00
Bella Chen	0265045495	Pick Up	0/0	0.00 blocks	Margherita	1	8.0	\$1.50	\$6.50
Sophia Brown	0101102333	Drone Delivery	-2/4	4.47 blocks	Vegetarian	7	70.0	\$38.50	\$31.50
Eli Wang	0858312357	Pick Up	0/0	0.00 blocks	Meat Lovers	7	84.0	\$35.00	\$49.00
Riley Brown	0708426008	Drone Delivery	-2/0	2.00 blocks	Vegetarian	2	20.0	\$11.00	\$9.00
Emma Chen	0678585543	Drone Delivery	-4/2	4.47 blocks	Meat Lovers	4	48.0	\$20.00	\$28.00
Jackson Taylor	0698979160	Driver Delivery	-5/-10	15.00 blocks	Meat Lovers	5	60.0	\$25.00	\$35.00
Caden Kumar	0862001010	Pick Up	0/0				108.0	\$45.00	\$63.00

Message

Successfully displayed the data

OK

Total Distance:

Total Profit:

open view total reset

#### 4. Calculating the total

Pizza Place

Customer Details					Pizza Details				
Customer Na...	Mobile	Type	X/Y location	Delivery Dista...	Pizza Type	Quantity	Order Price	Order Cost	Order Profit
Emma Brown	0602547760	Driver Delivery	-1/0	1.00 blocks	Vegetarian	5	50.0	\$27.50	\$22.50
Lucas Anders...	0755201141	Drone Delivery	-4/5	6.40 blocks	Meat Lovers	9	108.0	\$45.00	\$63.00
Sophia Singh	0193102468	Drone Delivery	1/8	8.06 blocks	Vegetarian	2	20.0	\$11.00	\$9.00
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Eli Wang	0858312357	Pick Up	0/0	0.00 blocks	Meat Lovers	7	84.0	\$35.00	\$49.00
Riley Brown	0708426008	Drone Delivery	-2/0	2.00 blocks	Vegetarian	2	20.0	\$11.00	\$9.00
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Caden Kumar	0862001010	Pick Up	0/0				108.0	\$45.00	\$63.00

Message

Successfully calculated the total

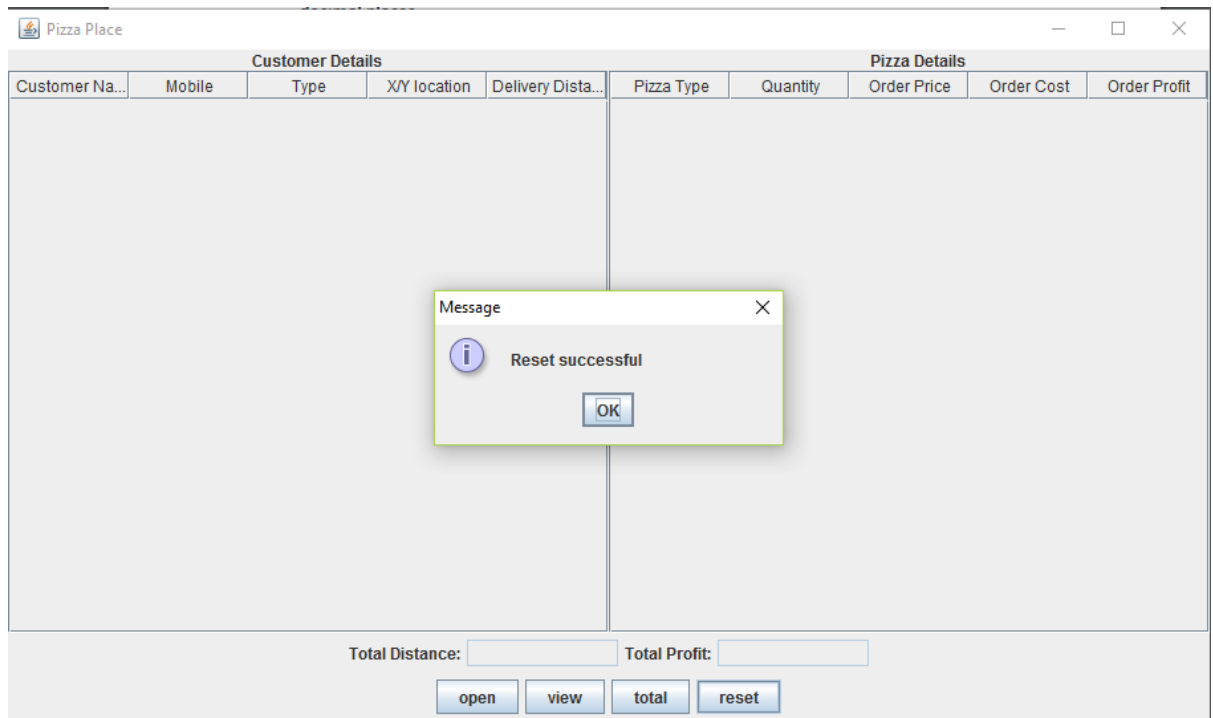
OK

Total Distance: 41.41 blocks

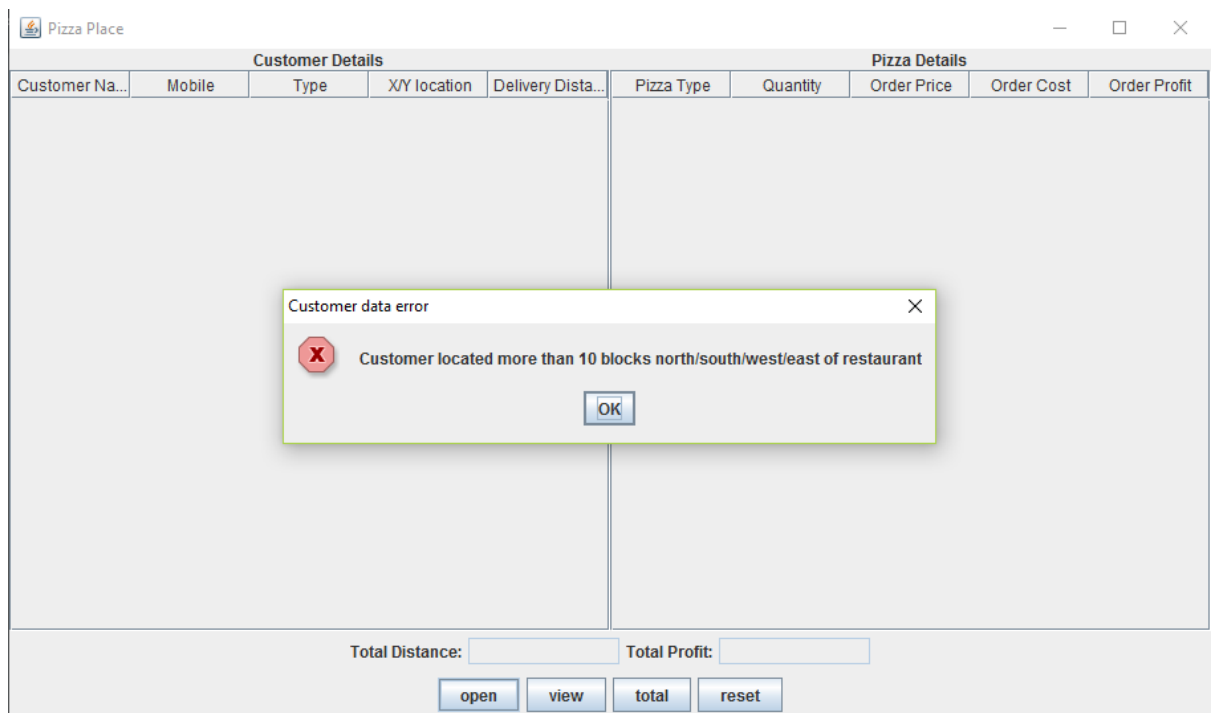
Total Profit: \$316.50

open view total reset

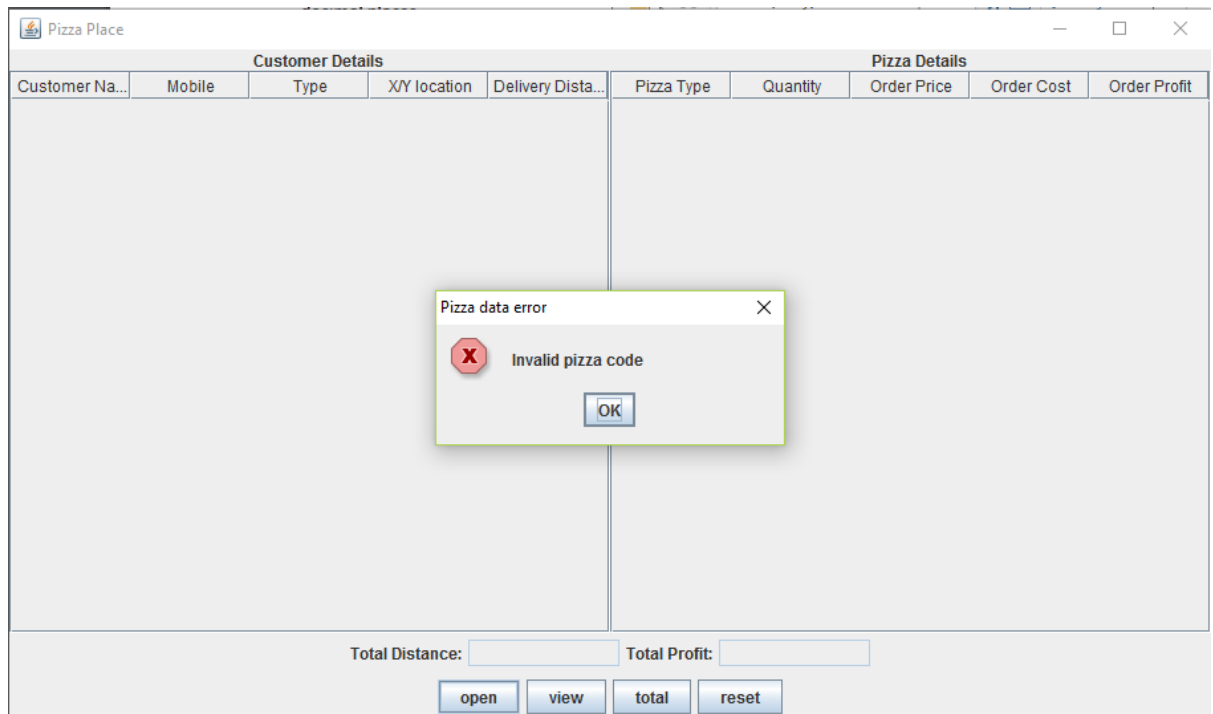
#### 5. Resetting the system and clearing all information



#### 6. Informing the user when a log file contains invalid customer details



#### 7. Informing the user when a log file contains invalid pizza details



## 8. Informing the user when there's a parsing error (problem with the log file)

