

Project 14-3: Customer Viewer

Create an object-oriented program that reads a list of Customer objects from a tab-delimited text file and allows the user to view the data for a customer by specifying the customer's ID.

Console

```
Customer Viewer

Enter customer ID: 103

Art Venere
8 W Cerritos Ave #54
Bridgeport, NJ 08014

Continue? (y/n): y

Enter customer ID: 104

Lenna Paprocki
Feltz Printing
639 Main St
Anchorage, AK 99501

Continue? (y/n): y

Enter customer ID: 99

No customer with that ID.

Continue? (y/n): n

Bye!
```

Specifications

- Your instructor should provide a text file named customers.txt that contains the customer data.
- Use a Customer class to store the customer data. This class should include these data members: id, first_name, last_name, company, address, city, state, postal_code.

This class should include a getter and setter member functions for these data members. In addition, it should include a member function that returns the full address. This address should have three lines if the company data member is empty or four lines if the company data member is not empty.
- When the program starts, it should read all data from the customers.txt file into a vector of Customer objects.
- To find the customer with the specified ID, you can loop through each Customer object in the vector of Customer objects and check whether the specified ID matches.
- If the specified ID isn't found, display an appropriate message.