
BREAKPOINT CODING EXERCISE

Use Methods to Get Customer Information



PHASE FIVE: Customer Information

Your client is thrilled with the way your customer survey application worked out. Ben Franklin bowling pin sales have never been so high. Even the Australien business connections are happy with the way things are going. Your client believes that if you increased sales with the little information the survey provided, then sales would skyrocket if you get more information. They pay you to build an application that will gather more information from the customers.

Unfortunately, the nephew of your client just read the book Clean Code and has convinced your client that the application is garbage unless the functions of the applications were split into different methods. Below is a description of what the separate application function should do and what kind of methods should be built for them.

General Application Information:

This function should provide some information about your client's company as well as the purpose of the application.

According to the nephew, the code for this functionality should reside in its own method that has no return type and require no parameters.

Customer Address Information:

This function should request and store the following information from the customer

- Name
- Address
- Building Type
- If the property is sacred ground

The nephew says this should occur in a method that requires no parameters but return the customer's name for other methods to use.

Determine Customer Favorites:

This function should ask every customer to tell you their favorite value for a list of predetermined items.

Favorites List

- Color
- Number
- Music Group
- TV Show
- Insect
- Dead Celebrity
- Constellation

Nephew boy says this better be in a method and will need at least one collection parameter, as well as a parameter to use the customer's name in any inquiries. The method does not need a return type.

Evaluate Customer Rankings:

This function should provide the customer with a predetermined set of questions and have them rank how much they agree using a ranking of 1 – Strongly Disagree to 5 – Strongly agree.

- Online shopping is fun and easy
- Australia is a great country
- Dogs are better than cats
- eSports are not a real sport
- Aliens are among us

That son, of...your client's sister, says the method better use a dictionary to store the ranking for each question as well as use the customer's name for the interaction. He also wants the method to return the overall average ranking.

Display All Information

Once you have all the information gathered from the customer, write a method to display the information. I don't care what that annoying college drop-out says. Write the method how you want.