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CSE 1325-003

PROBLEM 1

1. We can assume *using* is used in the completed code.

Answer: **True** *since* std:: is not used for any *cin* and *cout* in the code fragment, we can assume that *using* is used in the completed code.

2. We can determine what the return type is of the *compare* function.

Answer: **True** *because* in the statement *(while(answer.compare(“exit”)!=0), .compare()* returns an integer, which measures the difference between two integers.

3. From the code fragment alone, **all** functions in the above code fragment have the same parameter types.

Answer: **False** *because* the main function has two parameters: an int parameter and a char parameter, while the compare function has string as a parameter.

4. We can assume that a maximum of two headers are included in the program.

Answer: **False** *because* in order to use *vector* and *string* function, we need two headers: *#include <vector>* and *#include <string>*. Also, for basic input and output services in C++, we need a header file *#include<iostream>.* So, we can assume that a maximum of **three** headers are included in the program.

5. The *if*  statement will only execute if the value of answer is true.

Answer: **True** *because* the *if*  statement will execute only if the boolean value of *if (answer.compare("new")==0)* is true.