

Quizzes



Name:

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List at least two functions from the `std::string` class and indicate what they do.



Write a program that asks the user to enter a word (may consist of upper and lower case letters and numerals) and displays the word in all upper case letters (numerals should be left alone).

Quizzes



Name:

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Write a program that will open a file called `Fred.txt`, read the first strings of text and display them to the console in reverse order.

Write a function, `reverse` that accepts a string and returns it reverse order.

For example,

```
std::cout << reverse("abcdef");
```

should display `fedcba`.

Write a program that will ask the user to enter five integers and calculate the standard deviation of the numbers. The standard deviation of five numbers is calculated as follows:

$$\sqrt{\frac{(x_1 - ave)^2 + (x_2 - ave)^2 + \cdots + (x_5 - ave)^2}{5}}$$

Your program must make use of an array to store the numbers.



Write a function, `reverse`, that accepts a vector of strings and returns the length of the longest string stored in the vector.



Write a function that accepts a `std::string` and returns a `double` with the corresponding value (if the `std::string` held a valid value) or 0.0 (if not).