

The Arguments

Take a look at the starter code for the `inputStats` function. Reading the documentation comment, you can see that the two arguments it expects are an **input stream** and an **output stream**.

```
9  /**
10 *   Write the procedure inputStats
11 *   @param in the input stream to read from
12 *   @param out the output stream to write to
13 *   @pre input stream is filled with at least one line of text
14 *   @post output stream populated as shown above
15 */
16 void inputStats(..., ...)
17 {
18     . . .
19 }
20
21 // Place your code above this line
```

The first question is "What kind of streams should you pass?" You should be able to **call** the function in any of these ways:

```
1 | inputStats(cin, cout);
2 | inputStats(inFile, outFile); // ifstream, ofstream
3 | inputStats(inStr, outStr);   // istreamstring, ostreamstring
```

To make sure it will work with **all** of these stream types, you must use the **most general** types for your parameters: **istream** and **ostream**.

In addition, **all** stream types must be passed **by reference**, not by value. If you forget this, your code will not compile, and the error message will not be helpful at all.

options compilation execution

```
main.cpp:14:16: error: call to deleted constructor of 'istream'
    inputStats(cin, cout);
                ^~~
```



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