Applied File I/O

Let's apply what you've learned about file I/O. Click on the "Running Man" to open CodeCheck in a separate window. Leave the window open as we work through the process of writing a function named `searchFile()` which takes two `string` arguments.

- The first argument is the **name of the file** to open

- The second argument is the **word or phrase to search for**

Neither `string` may be modified, and there is no return value. Here are the <mark>specifications</mark> for the function:

- Open the file and **read it line by line**.

- If the phrase you are looking for is found in that line, then print the line number (in a field 5 wide), a space, a colon, another space and then the line from the file, followed by a newline.

- Assume the first line number in the file is line #1.

- Your output should be printed with `cout`.

- If the file cannot be found, then print an error message (using `cerr`, of course): "File *fname* cannot be opened".

Once you have the program opened, go to the next page, and we'll complete the **mechanics** of the function.