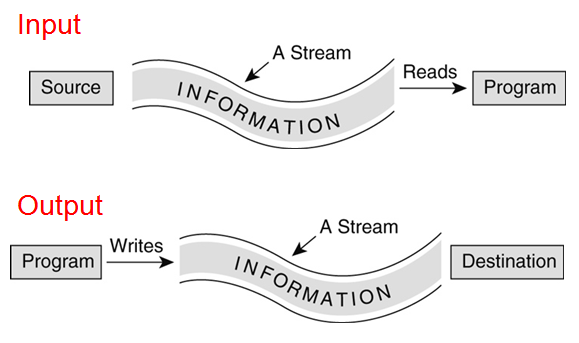
**File I/O Class Example**



1. Excel Input

Using xlsread, import the excel spreadsheet “sineSpreadsheet” into MATLAB. Assign the variable name “x” to the first column of data and “y” to the second column of data. Plot the data using MATLAB’s plot function.

2. Excel Output

Initialize a column vector “x” from 0 to 15 in increments of 0.05, and set the variable “y” to be the cos(x). Create a new variable “A” that is a row vector containing x and y ([x y]). Using xlswrite, export this array into an Excel spreadsheet titled “cosSpreadsheet”.