**CSCE 155 - Lab 5.0 - Functions - Worksheet**

Names:

1. Complete the table below using 3 functions you’ve used prior to this lab.

|  |  |  |
| --- | --- | --- |
| Return Type | Function Name | Parameter Type(s) |

double

pow

(

double

,

double

)

1. Open all the files and review the code to answer the following questions.
   1. Identify all of the user-defined functions in the program along with the functions’ return types and the number of parameters they accept.
   2. Among the functions main , strToIntArray , insertionSort , and getOrderStatistic : identify which function calls which other function(s).
   3. How might you implement the following function? Hint: it should only be a one-liner.

|  |  |
| --- | --- |
| 1 | int getMin(int \*arr, n) { |
| 2  3 | } |

* 1. Prototypes and documentation were placed in the header file and function definitions were placed into a separate source file. Identify at least one advantage of this approach.

1. Demonstrate your final color utility program and testing file to a lab instructor, and if you are performing this lab asynchronously due to internet issues, please send this completed worksheet to [Cole.Scott.Peterson@huskers.unl.edu](mailto:Cole.Scott.Peterson@huskers.unl.edu) to verify completion.

Lab Instructor Signature

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