

CSCE 155 - Lab 05 - Functions - Worksheet

Names: _____

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

Function Name	Parameter(s)	Return Type
<code>pow</code>	<code>(double, double)</code>	<code>double</code>

2. Use `orderStatistic.c` to answer the following questions.

(a) Identify all of the user-defined functions in the program along with the functions' return types and the number of parameters they accept.

(b) Among the functions `main`, `strToIntArray`, `insertionSort`, and `getOrderStatistic`: identify which function calls which other function(s).

(c) How might you implement the following function? Hint: it should only be a one-liner.

```
1  int getMin(int *arr, n) {  
2  
3  
4  }
```

(d) In the `orderStatistic.c` file, the prototypes and documentation were placed before the main and all the definitions after it instead of in their own separate files. Identify 1 or 2 disadvantages to this approach.

3. Demonstrate your final color utility program and testing file to a lab instructor, have them sign this worksheet and turn it in.

Lab Instructor Signature _____