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| **Application/ Program name:** | L3-3 |
| **Written by:** | Bailey Nichols |

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| **Purpose or problem definition:** |
| The searchAlgroithsm.h file will be fill of functions found in the textbook |
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| **Program Procedures:** |
| Each function is defined in more detail in the texbook, see refrences in .h file for more. |
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| **Algorithm/Processing/Conditions:** |
| **Inputs:** |
| The Functions all take an array and the size of that array. |
| **Processes:** |
| Various sorting functions |
| **Outputs:** |
| Sorted arrays. |
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| **Notes & Restriction:** |
| All code if not defined in actuality is defined in theory in the below reference  Malik, D.S.. C++ Programming Programming Design Including Data Structures (MindTap Course List) (Chapter 18). Cengage Learning Kindle Edition |
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| **Comments:** |
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