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CSP\*141\*001 (9165) Intro to Programming in C++

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Homework 4

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3. If you write a program followed by a collection of functions, do the functions execute in the order in which they are listed before the main function (the function prototypes), the order in which they are listed after the main function (the function definitions), or neither? If your answer is neither, what determines the order in which the functions execute?

// file: Homework 4 Section 3.4 Page 143 Q3.cpp

// Q3 Answer

The subprogram prototypes precede the main function (after any #include directives) and the subprogram definitions follow the main function. The relative order of the function definitions doesn’t affect their order of execution; that is determined by the order of execution of the function call statements. Basically the function prototypes execute in the order they are placed from top to down.