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Things to think about but NOT implement in your lab:

1) The automatic grader performs hundreds of tests of your program. In what way is the automatic grader superior to manual testing using **scanf** and **printf**?

2) This program demonstrates an important concept for designing robust software. In particular, if the input values were always between 3 and 20, you might be tempted to not check for it. Not checking for valid inputs is a common way software crashes or exhibits a security flaw. Think about what it means if the input was supposed to be between 3 and 20, but it is not.

Help

Portions of this chapter were reprinted with approval from Embedded Systems: Introduction to ARM Cortex-M Microcontrollers, 2013, ISBN: 978-1477508992. For more information on this book, see <http://users.ece.utexas.edu/~valvano/arm/outline1.htm> (<http://users.ece.utexas.edu/~valvano/arm/outline1.htm>)

Specific reading relevant to Chapter 5:

Book Volume 1 Sections 1.8, 1.9, 2.8, 5.1, 5.3

If you are having trouble understanding the C code in this book , we suggest you read the available free sections of on the **Zyante** site

- 1) Go to <http://utedxfall13.zyante.com> (<http://utedxfall13.zyante.com>)
- 2) Click register in the upper right (do not click "Subscribe for full access")
- 3) Registering is free but subsequent visits to this site you will **Login**.

Reading Zyante is optional and not a formal part of this class.





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