Module 6 - Activity Checklist

Done	Title	Description	Activity
	Module 6 - Activity Checklist	PDF Document	This document is a downloadable version of the list you are currently reading.
	Module 6 - Learning Objectives	Canvas Assignment	Read the list of objectives to get a better understanding of what you will accomplish in this module.
	Module 6 - Assigned Reading	Reading assignment	Reading for this module is from your textbook: *How to Think Like a Computer Scientist - C Version*. **Chapter 6**: Iteration (sections 6.1 - 6.5). Pages 64 - 68. **Chapter 7**: Arrays (section 7.4, for loops). Page 80. Read about the **while**, **do-while** and **for** loop (repetition/iteration) statements in the C Programming language: https://docs.microsoft.com/en-us/cpp/c-language/while-statement-c https://docs.microsoft.com/en-us/cpp/c-language/do-while-statement-c https://docs.microsoft.com/en-us/cpp/c-language/for-statement-c Read about the **break** and **continue** statements: https://docs.microsoft.com/en-us/cpp/c-language/break-statement-c https://docs.microsoft.com/en-us/cpp/c-language/continue-statement-c Additional reading on why the **goto** statement should not be used. Highly recommended for Computer Science and Engineering students: *Letters to the editor: go to statement considered harmful* by Edsger W. Dijkstra [URL: https://dl-acm-org.librarylink.uncc.edu/citation.cfm?id=362947]
	Content Quiz 6-1: Loops	Canvas Quiz	Take this quiz to verify the **completion** and **basic understanding** of the assigned reading materials.
	Module 6 - Lecture Slides	PDF Document	Study the slides to gain a deeper understanding of the key concepts covered in this module.
	Module 6 - Code Samples and Demonstrations	Canvas Page	Review the C code and watch the video demonstrations to review concrete examples of the key concepts covered in this module.
	Exercise 6-1: For Loops	Canvas Assignment	Complete the activity and submit a small working program. The activity is designed to provide hands-on practice on key concepts covered in this module.

	Exercise 6-2: For Loops - Part 2	Canvas Assignment	Complete the activity and submit a small working program. The activity is designed to provide hands-on practice on key concepts covered in this module.
	Exercise 6-3: While Loops	Canvas Assignment	Complete the activity and submit a small working program. The activity is designed to provide hands-on practice on key concepts covered in this module.
	Exercise 6-4: break and continue	Canvas Assignment	Take this quiz to make sure that you understand the key concepts covered in this module.
	Review Quiz 6-1: Loops	Canvas Quiz	Take this quiz to make sure that you understand **key concepts** covered in this module.