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# CS 61BL Data Structures & Programming Methodology

Summer 2018 MIDTERM 1

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This exam has 6 questions worth a total of 25 points and is to be completed in 80 minutes. The exam is closed book except for one double-sided, handwritten cheat sheet. No calculators or other electronic devices are permitted. Give your answers and show your work in the space provided. **Write the statement below in the blank provided and sign. You may do this before the exam begins.**

“I have neither given nor received any assistance in the taking of this exam.”

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Signature: \_\_\_\_\_

Question	Points
1	1/2
2	1/2
3	8
4	8
5	8
6	0
<b>Total</b>	<b>25</b>

Name	
Student ID	
Lab Section	_ _ _
Name of person to left	
Name of person to right	

- There may be partial credit for incomplete answers. Write as much of the solution as you can, but we may deduct points if your answers are much more complicated than necessary.
- **Work through the problems with which you are comfortable first.** Do not get overly captivated by interesting design issues or complex corner cases you're not sure about.
- Not all information provided in a problem may be useful, and **you may not need all lines.** For code-writing questions, **write only one statement per line** and **do not write outside the lines.**
- Unless otherwise stated, all given code on this exam should compile. All code has been compiled and executed, but in the event that we do catch any bugs in the exam, we'll announce a fix. **Unless we specifically give you the option, the correct answer is not, 'does not compile.'**

1. (1/2 pt) **Your Thoughts** What makes you happy? How do you feel about CS 61BL so far?