CptS 122 – Data Structures





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Your Name:ID#:		TA's Name: Section #:	
SOLUTIO	N: Take-Home: Qu	iz 7 (15 pts) - Inhe	eritance in C++
Part I: Short Answer			
1. (5 pts) What is inho	eritance? Explain.		
defined (base) cla		ass customizes the	om a previously e properties of the vare or code reuse.
Part II: Fill-In-The-Bi			
2. (2 pts - 1 pt/blankpublic) A base class's mem itions, and in friends of	protected_ hbers can be accessed f the base class and de	and in the base-class definition, rived classes.
3. (2 pts) Inheritance relationship. A Rectar Shape object.	is representative of a(ngle object demonstrat	n)is-a_ es this relationship bed	cause it can be treated as a
construc	ject of a derived class tor is co- class in the derived-class	alled implicitly or expl	se class' icitly to initialize the data
	ultiple inheritance les from 2 or more base		onstrated when a derived
	reuse_ veraging well tested, q		ner levels of developer

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