NetID:	penggu2	QuizID: <u>832314</u>	Score: 4/5	Answer Source: PrairieLearn
A. B. C. D.	4i+1 2i+1	implementation of a He		ex of 1), the left-child of the right-child of the node at index , if it exists, can be found at what array location?
A. B. C. D.	[Correct Ans None of the level from le path from ro	ement: In a maxHeap, th swer] Your Answer] pa other choices is accurate fit to right are non-increa oot to leaf are non-decrea fit to right are non-decrea	th from root to leaf sing sing	are non-increasing
A. B. C. D.	40, 35, 20, 1 None of the 40, 30, 20, 1 40, 30, 20, 1	ap, represented by the a 0, 15, 16, 17, 8, 4, 30 other options 0, 15, 16, 17, 8, 4, 35 0, 35, 16, 17, 8, 4, 15 swer] [Your Answer] 40		15, 16, 17, 8, 4. Now consider that a value 35 is inserted into this heap. After insertion, the new heap is 17, 8, 4, 15
A. B. C.	HeapifyUr HeapifyUr [Your Answ	o, h	ht a containing a = 2**	-1 nodes, an efficient implementation of BuildHeap will call at most times.
A. A. B. C. D. E.	oassume that o(1) None of the		ly large to handle al	on a min heap? In answering this question you should assume the best possible implementation given the constraints, litems (unless otherwise stated). The variable n represents the number of items.