CISS240: Introduction to Programming Quiz q1704

Name:						Sco	re:	
This is a close	ed-book, r	no C++ c	compiler, 6	5-minute o	ļuiz.			
The following	questions	s relate to	bubbleso	rting the	following	array of in	ntegers:	
	5	1	8	3	7	9		
Q1. How man the $<$ or \le or Answer:					_	`	v many ti	imes
Q2. How man Answer:	ny swaps a	are carrie	d out in th	ne first pa	ss?			
Q3. What are form: {1, 2, the answer. Answer:						-		
Q4. What are form: {1, 2, the answer. Answer:						-		
The following	are the v	alues in a	ı sorted ar	ray of inte	egers:			
	1	3	5	7	8	9		
The following ables are low	-				_			

Answer:

initialized to 5 and during the search, the first value assigned to \mathtt{mid} is 2.
Q5. If the binary search is executed with the aim to find the value 7, during the first iteration, which variable (lower or upper) is changed? Answer:
Q6. Continuing the above question, what is the new value of the variable that was changed in the above question? Answer:
Q7. Write down all the values of mid during the binary search for 1 in the above array. Write it in this form: 1, 2, 3, 4. This is not the right answer – it's just to provide a format for the answer. Answer:
Q8. Write down all the values of mid during the binary search for 6 in the above array. Write it in this form: 1, 2, 3, 4. This is not the right answer – it's just to provide a format for the answer.