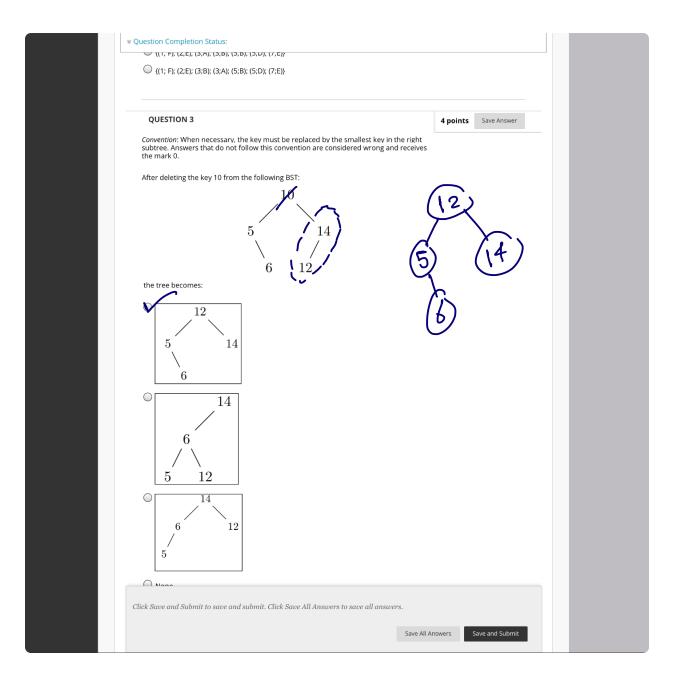
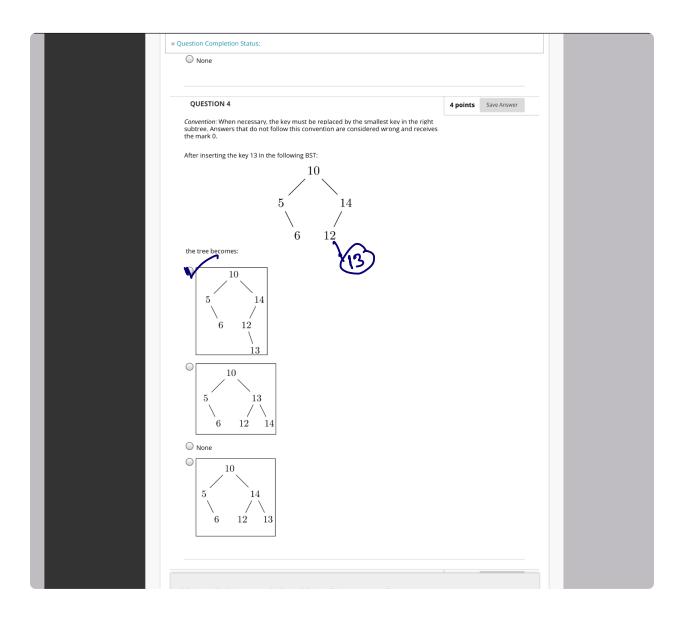
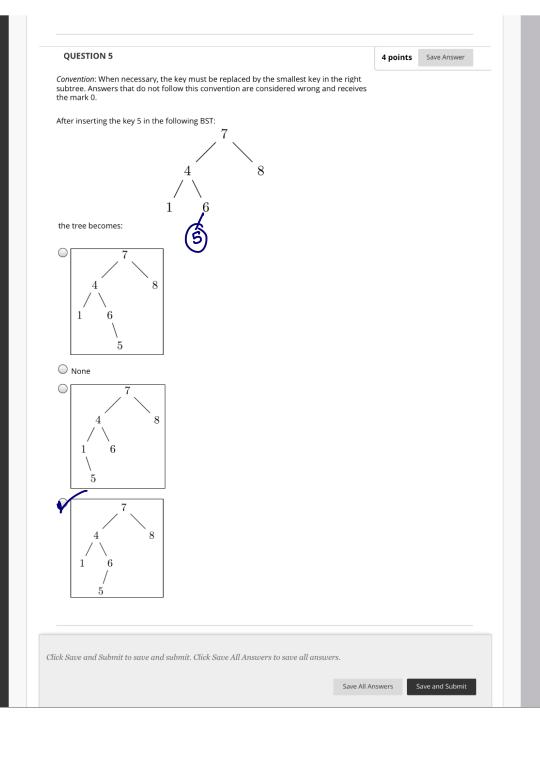
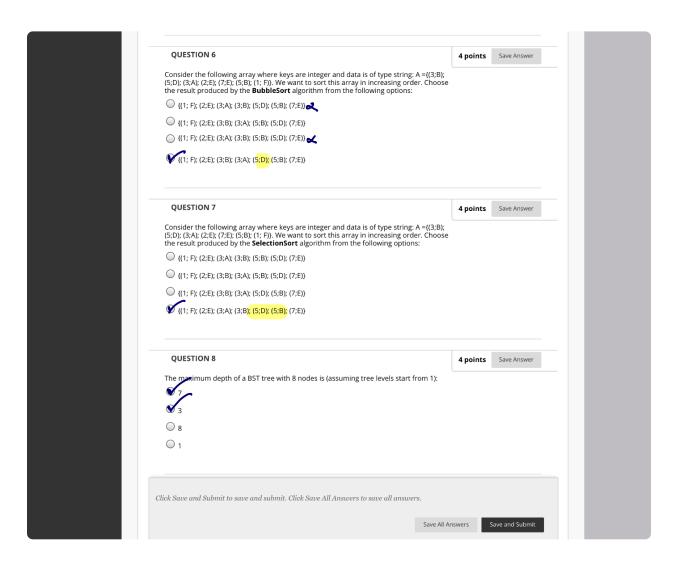
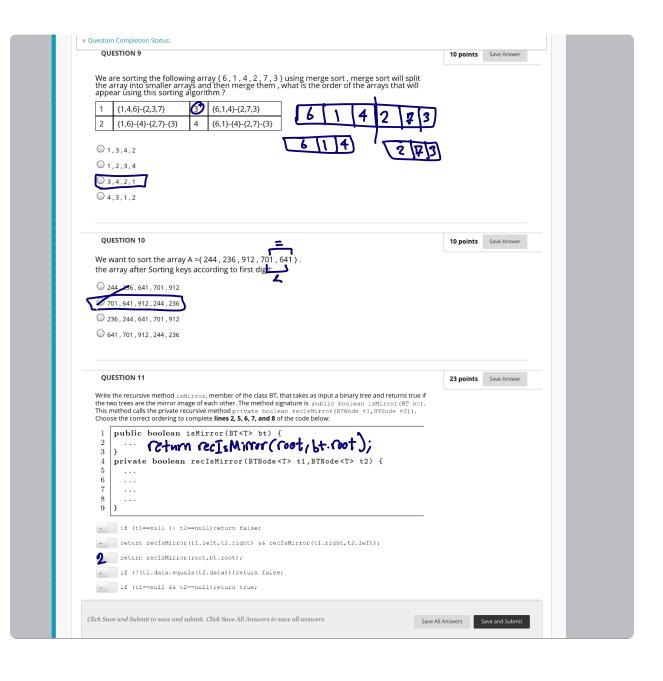
	4 points	Save Answer
On worst case, calling $\mathtt{findKey}$ on a BST with n nodes will c	ost:	
O(nlogn)		
O(log n)		
V O(n)		
O ₀₍₁₎		
QUESTION 2	4 points	Save Answer
Consider the following array where keys are integer and dat (5;D); (3;A); (2;E); (7;E); (5;B); (1; F)}. We want to sort this arra the result produced by the SelectionSort algorithm from th	y in increasing order. Choose	
(1; F); (2;E); (3;B); (3;A); (5;D); (5;B); (7;E)}		
(1, 1), (2, L), (3, D), (3, A), (3, D), (3, D), (7, L);		
(1; F); (2;E); (3;A); (3;B); (5;D); (5;B); (7;E)}		
((1; F); (2;E); (3;A); (3;B); (5;D); (5;B); (7;E)}		
(1; F); (2;E); (3;A); (3;B); (5;D); (5;B); (7;E)}		
((1; F); (2;E); (3;A); (3;B); (5;D); (5;B); (7;E)}		

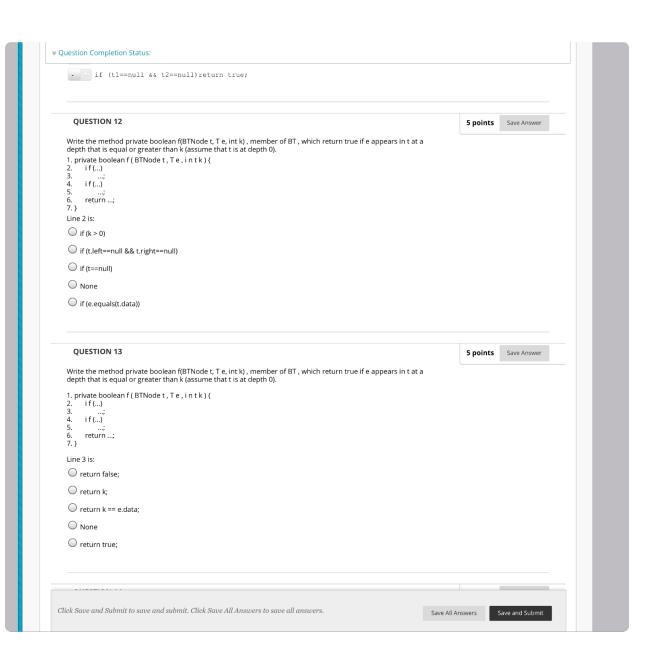












QUESTION 14	5 points	Save Answer			
Write the method private boolean f(BTNode t, T e, int k), member of BT, which return true if e appears in t at a depth that is equal or greater than k (assume that t is at depth 0).					
1. private boolean f (BTNode t, Te, intk) {					
2. if() 3;					
4. if() 5;					
6. return; 7.}					
Line 4 is:					
○ if (k>0 e.equald(t.data))					
if (k<=0 && e.equald(t.data))					
if (k<0 && e.equald(t.data))					
if (k>0 && e.equald(t.data))					
○ None					
QUESTION 15	5 points	Save Answer			
Write the method private boolean f(BTNode t, T e, int k), member of BT, which return true if e appears in t at a depth that is equal or greater than k (assume that t is at depth 0).	5 points	2ave VII2MgL			
1. private boolean f (BTNode t , T e , i n t k) {					
2. if() 3;					
4. if() 5;					
6. return; 7.}					
Line 5 is:					
O return false;					
O return k>0;					
○ None					
return e.equald(t.data);					
O return true;					
QUESTION 16		5 points	Save A	nswer	
Write the method private boolean f(BTNode t, T e, int k) , member of BT , which return true if e appears in t at a depth that is equal or greater than k (assume that t is at depth 0).	1				
1. private boolean f (BTNode t , T e , i n t k) { 2. if ()					
3;					
4. if()					
5;					
5; 6. return;					
5; 6. return; 7. }					
5; 6. return; 7. } Line 6 is:					
5; 6. return; 7. } Line 6 is:					
5; 6. return; 7. } Line 6 is: None return f(t.left,e,k-1) f(t.right,e,k-1);					