

Session Name: 10 - Disjoint 2-24-2022 2-09 PM

Date Created: 2/24/22, 12:02:40 PM Active Participants: 110 of 118

Average Score: 68.41% Questions: 6

Results by Question

1. Please do Question 1 which is displayed on the screen in class. (Short Answer)

Responses		
	Percent	Count
4 (c)	93.52%	101
1	0.93%	1
14	0.93%	1
15	0.93%	1
3	0.93%	1
49	0.93%	1
50	0.93%	1
A	0.93%	1
Totals	100%	108

Keyword(s): 4

Keyword Matches: 101



2. Please do Question 2 which is displayed on the screen in class. (Essay)

Responses
4
5 ain't a Set ID (must call union(4, 48))
5 already has a link
5 already has a parent
5 does not have a link of NULL/-1
5 has no height or children
5 has size 0

5 is already the child on 48, need to do find first
5 is already apart of a separate set
5 is connected to 48
5 is in a different set
5 is in a set
5 is linked to 48
5 is not a header node
5 is not a root
5 is not a root
5 is not a root node
5 is not a root node
5 is not a root node
5 is not a root node
5 is not a root node
5 is not a root node
5 is not a root node and does not have a set id
5 is not a root.
5 is not a set id
5 is not a set ID
5 is not a set id
5 is not a set ID
5 is not a set id
5 is not a set id
5 is not a top level node
5 is not a top node
5 is not a top node of a set
5 is not a valid set id
5 is not at the root
5 is not set id
5 is not the highest node in its set
5 is not top of the tree

5 is part of a set but not the root
5 is part of another set
5 is size 0
5 is smaller or has less children than 4
5 isn't a root
5 isn't a set id
5 isn't its own set id
5 isn't top node
5 not a disjoint set
5 not a parent
5 points to 48
5 should be at the root
5's height is not -1
?
Aa
arent connected
Because 5 is already part of a set so you have to call find on it
Because 5 is not a set ID
because 5 is not set is
Because 5 is not the root
Because daddy plank said so
Because it is a member of the 48 set
Because they are not disjoint sets
blue
Both are not the head of their node. So because 5 links to 48.
cuz
Different height
Different heights
Different heights
Different size
Disjointed sets

ekki-ekki-ekki-pitang-zoom-boing-arousa!
Height of 5 is not -1
Heights are the same
Imbalance
need to call find first
no
no
No children on 5
Nodes won't be connected
Not a valid set id (child node)
Not both of them are parent nodes
not valid set-id
Nothing has 5 as its parent
O(n)
sizes
T
The heights
The set 5 does already points to 48
There is no 5
They are disjoint
They are on different levels and different sets
they aren't both roots
They don't have null links
Too many nodes on 4
Union must be called on set ids (roots). 5 is the error
Union needs find called on nodes first
yes
Yes
yes
Yes
Yes

Yes
Yes
Yes
Yes
you are unioning roots so if 5 needs to point at 4 it'll have to point at two nodes
You need to call .find first



3. Please do Question 3 which is displayed on the screen in class. (Short Answer)

Responses	
Percent	Count
48 (c)	78.7%
	85

49	11.11%	12	
36	1.85%	2	
5	1.85%	2	
28	0.93%	1	
3, 19	0.93%	1	
35	0.93%	1	
43	0.93%	1	
49 WILL BE THE PARENT	0.93%	1	
AAA	0.93%	1	
P=49 C=48	0.93%	1	
Totals	100%	108	Keyword(s): 48 Keyword Matches: 85



4. Please do Question 4 which is displayed on the screen in class. (Short Answer)

		Responses		
		Percent	Count	
49 (c)		79.63%	86	
48		10.19%	11	
36		1.85%	2	
19		0.93%	1	
28		0.93%	1	
35		0.93%	1	
43		0.93%	1	
45		0.93%	1	
46		0.93%	1	
48 WILL BECOME THE PARENT		0.93%	1	
AAAA		0.93%	1	
P=48 C=49		0.93%	1	
Totals		100%	108	

Keyword(s): 49
Keyword Matches: 86



5. Please do Question 5 which is displayed on the screen in class. (Short Answer)

Responses		
	Percent	Count
3	37.04%	40
2 (c)	26.85%	29
1	22.22%	24
5	4.63%	5
4	2.78%	3
0	0.93%	1

21	0.93%	1
28	0.93%	1
9	0.93%	1
AAAAA	0.93%	1
ALPHA(FRED)	0.93%	1
ONE	0.93%	1
Totals	100%	108

Keyword(s): 2
Keyword Matches: 29



6. Please do Question 6 which is displayed on the screen in class. (Essay)

Responses
Aaaaaa

T F

Y

AAAAA