Session Name: 11 - Disjoint 10-3-2023 12-09 PM

Date Created: 10/3/23, 12:03:33 PM   **Active Participants:** 65 of 74

Average Score: 12.19%   **Questions:** 5
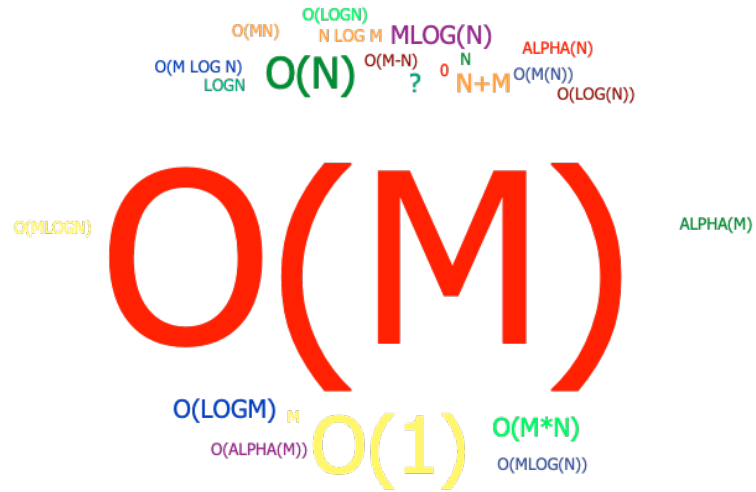
Results by Question

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

	Responses	
	Percent	**Count**
O(M) *(c)*	40.63%	26
O(1)	12.5%	8
O(N)	6.25%	4
?	3.13%	2
MLOG(N)	3.13%	2
N+M	3.13%	2
O(LOGM)	3.13%	2
O(M*N)	3.13%	2
0	1.56%	1
ALPHA(M)	1.56%	1
ALPHA(N)	1.56%	1
LOGN	1.56%	1
M *(c)*	1.56%	1
N	1.56%	1
N LOG M	1.56%	1
O(ALPHA(M))	1.56%	1
O(LOG(N))	1.56%	1
O(LOGN)	1.56%	1
O(M LOG N)	1.56%	1
O(M(N))	1.56%	1
O(M-N)	1.56%	1
O(MLOG(N))	1.56%	1
O(MLOGN)	1.56%	1
O(MN)	1.56%	1

Keyword(s):   O(m);m

Totals	100%	64	**Keyword Matches:** 27

O(LOGN)
O(MN) N LOG M MLOG(N) ALPHA(N)
O(M LOG N) O(N) O(M-N) N O(M(N))
LOGN ? 0 N+M O(LOG(N))

O(MLOGN) O(M) ALPHA(M)

O(LOGM) N
O(ALPHA(M)) O(1) O(M*N)
O(MLOG(N))

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

	Responses	
	Percent	**Count**
O(M)	14.06%	9
O(1)	6.25%	4
O(M^2)	6.25%	4
O(A(N))	4.69%	3
O(ALPHA(N))	4.69%	3
?	3.13%	2

O(LOG(M))	3.13%	2
O(M ALPHA(M))	3.13%	2
O(MLOG(N))	3.13%	2
O(MLOGN)	3.13%	2
0(LOGN)	1.56%	1
1	1.56%	1
ALPHA M	1.56%	1
ALPHA(M^2)	1.56%	1
M^2LOG(N)	1.56%	1
MLOG(N)	1.56%	1
N LOG M	1.56%	1
N LOG M^2	1.56%	1
N*M	1.56%	1
NLOG(M)	1.56%	1
O(1) , O(ALPHA(M))	1.56%	1
O(2M LOG N)	1.56%	1
O(A(M))	1.56%	1
O(ALPHA())	1.56%	1
O(ALPHA(M))	1.56%	1
O(ALPHA)	1.56%	1
O(LOGM)	1.56%	1
O(LOGN)	1.56%	1
O(M + A(M))	1.56%	1
O(M ALPHA())	1.56%	1
O(M LOG N)	1.56%	1
O(M LOG(N))	1.56%	1
O(M(LOG(M))	1.56%	1
O(M*LOG(N))	1.56%	1
O(M*N)	1.56%	1
O(M/N)	1.56%	1

	Percent	Count
O(M^2N)	1.56%	1
O(MALPHA(N))	1.56%	1
O(MLOG(M))	1.56%	1
O(N^M)	1.56%	1
O(NALPHA(M))	1.56%	1
Totals	**100%**	**64**

Keyword(s): O(m alpha(n));m alpha(n)

Keyword Matches: 0

O(NALPHA(M))
O(MALPHA(N))   O(A(N))   O(M(LOG(M))
O(M*LOG(N))   O(ALPHA())
O(ALPHA(N))   O(1)   O(2M LOG N)
O(ALPHA) M^2LOG(N)
ALPHA M   O(ALPHA(M))
O(M LOG(N))   O(M ALPHA())
O(M LOG N)   O(LOGN)   O(M)   O(N^M)   N*M
O(M^2N)   O(LOGM) ?   0(LOGN)
O(A(M))   O(LOG(M))
O(M + A(M))   O(M/N)
NLOG(M)   O(M*N)   ¹ O(MLOGN)
N LOG M^2   O(M^2)   O(M ALPHA(M))
N LOG M
MLOG(N)   O(MLOG(N))   O(MLOG(M))
O(1) , O(ALPHA(M))
ALPHA(M^2)

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

	Responses	
	Percent	**Count**
O(N)	39.06%	25

O(1)	15.63%	10
O(N^2)	7.81%	5
O(NLOGN)	6.25%	4
N	4.69%	3
O(N LOG N) *(c)*	4.69%	3
?	3.13%	2
N^2	3.13%	2
O(LOG(N))	3.13%	2
O(LOGN)	3.13%	2
13	1.56%	1
ALPHA(N^2)	1.56%	1
NLOGN	1.56%	1
O(N LOG (N))	1.56%	1
O(2N)	1.56%	1
O(NLOG(N))	1.56%	1
Totals	**100%**	**64**

Keyword(s):   O(n log n);n log n

Keyword Matches: 3

O(NLOG(N))

O(N LOG N) ? O(1) N

13 O(N) O(2N)
O(N LOG (N))
ALPHA(N^2)

N^2
O(NLOGN) O(N^2) O(LOGN)
O(LOG(N)) NLOGN

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

	Responses	
	Percent	**Count**
5	50.79%	32
6	15.87%	10
4	7.94%	5
10	6.35%	4
32	3.17%	2
?	3.17%	2

1	1.59%	1	
16 (c)	1.59%	1	
3	1.59%	1	
31	1.59%	1	
5!	1.59%	1	
7	1.59%	1	
9	1.59%	1	
ALPHA(5)	1.59%	1	**Keyword(s):** 16
Totals	**100%**	**63**	**Keyword Matches:** 1

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

	Responses	
	Percent	**Count**
5	53.97%	34
4	11.11%	7
6	11.11%	7
10	3.17%	2
15	3.17%	2
5!	3.17%	2
9	3.17%	2
?	3.17%	2
0	1.59%	1
13	1.59%	1
16 (c)	1.59%	1
25	1.59%	1
8	1.59%	1
Totals	**100%**	**63**

Keyword(s): 16

Keyword Matches: 1

? 4 16 9 15 **5** 0 6 8 5! 13 25 10