Session Name: 11 - Disjoint 3-1-2022 12-05 PM

Date Created: 3/1/22, 11:59:03 AM **Active Participants:** 102 of 118
Average Score: 13.12% **Questions:** 5

Results by Question

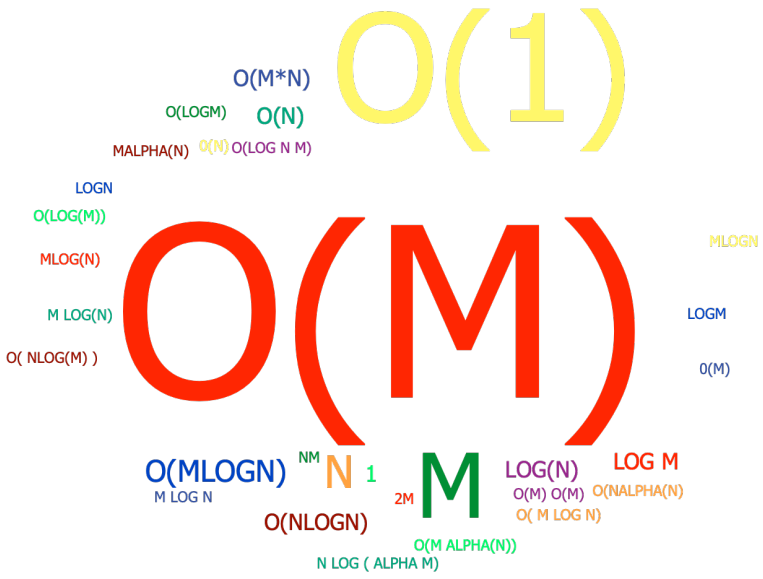
1. Please do Question 1 which is displayed on the screen in class. (Short Answer)

	Responses	
	Percent	**Count**
O(M) *(c)*	30.69%	31
O(1)	18.81%	19
M *(c)*	10.89%	11
N	4.95%	5
O(MLOGN)	2.97%	3
1	1.98%	2
LOG M	1.98%	2
LOG(N)	1.98%	2
O(M*N)	1.98%	2
O(N)	1.98%	2
O(NLOGN)	1.98%	2
0(M)	0.99%	1
0(N)	0.99%	1
2M	0.99%	1
LOGM	0.99%	1
LOGN	0.99%	1
M LOG N	0.99%	1
M LOG(N)	0.99%	1
MALPHA(N)	0.99%	1
MLOG(N)	0.99%	1
MLOGN	0.99%	1
N LOG (ALPHA M)	0.99%	1
NM	0.99%	1
O(M LOG N)	0.99%	1

O(NLOG(M))	0.99%	1
O(LOG N M)	0.99%	1
O(LOG(M))	0.99%	1
O(LOGM)	0.99%	1
O(M ALPHA(N))	0.99%	1
O(M) O(M)	0.99%	1
O(NALPHA(N)	0.99%	1
Totals	**100%**	**101**

Keyword(s): O(m);m

Keyword Matches: 42



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

Responses

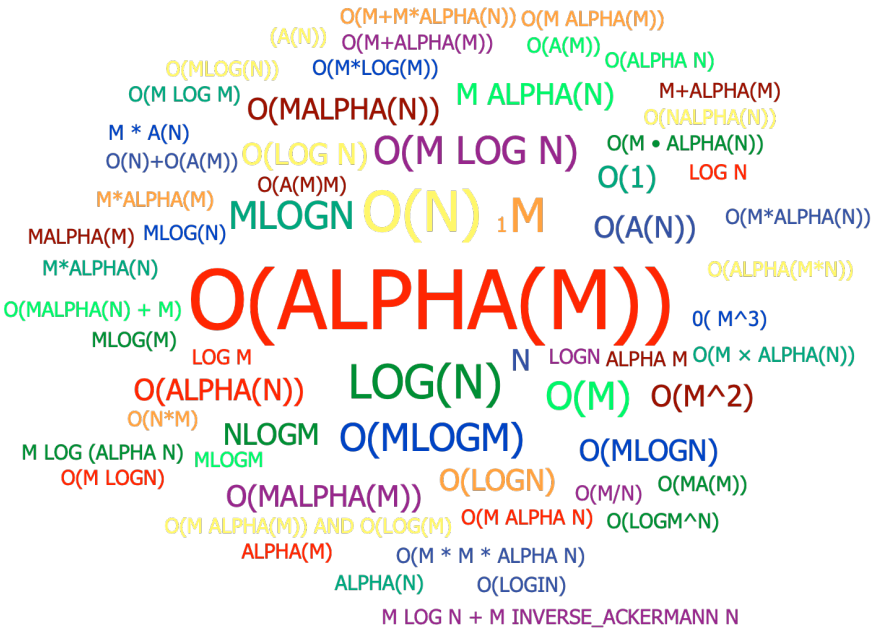
	Percent	Count
O(ALPHA(M))	7.92%	8
O(N)	4.95%	5
LOG(N)	3.96%	4
M	3.96%	4
MLOGN	2.97%	3
O(M LOG N)	2.97%	3
O(M)	2.97%	3
O(MLOGM)	2.97%	3
M ALPHA(N) *(c)*	1.98%	2
N	1.98%	2
NLOGM	1.98%	2
O(1)	1.98%	2
O(A(N))	1.98%	2
O(ALPHA(N))	1.98%	2
O(LOG N)	1.98%	2
O(LOGN)	1.98%	2
O(M^2)	1.98%	2
O(MALPHA(M))	1.98%	2
O(MALPHA(N))	1.98%	2
O(MLOGN)	1.98%	2
(A(N))	0.99%	1
0(M^3)	0.99%	1
1	0.99%	1
ALPHA M	0.99%	1
ALPHA(M)	0.99%	1
ALPHA(N)	0.99%	1
LOG M	0.99%	1
LOG N	0.99%	1
LOGN	0.99%	1
M * A(N)	0.99%	1

M LOG (ALPHA N)	0.99%	1
M LOG N + M INVERSE_ACKERMANN N	0.99%	1
M*ALPHA(M)	0.99%	1
M*ALPHA(N)	0.99%	1
M+ALPHA(M)	0.99%	1
MALPHA(M)	0.99%	1
MLOG(M)	0.99%	1
MLOG(N)	0.99%	1
MLOGM	0.99%	1
O(A(M))	0.99%	1
O(A(M)M)	0.99%	1
O(ALPHA N)	0.99%	1
O(ALPHA(M*N))	0.99%	1
O(LOGIN)	0.99%	1
O(LOGM^N)	0.99%	1
O(M * M * ALPHA N)	0.99%	1
O(M ALPHA N)	0.99%	1
O(M ALPHA(M))	0.99%	1
O(M ALPHA(M)) AND O(LOG(M)	0.99%	1
O(M LOG M)	0.99%	1
O(M LOGN)	0.99%	1
O(M × ALPHA(N))	0.99%	1
O(M • ALPHA(N))	0.99%	1
O(M*ALPHA(N))	0.99%	1
O(M*LOG(M))	0.99%	1
O(M+ALPHA(M))	0.99%	1
O(M+M*ALPHA(N))	0.99%	1
O(M/N)	0.99%	1
O(MA(M))	0.99%	1
O(MALPHA(N) + M)	0.99%	1

O(MLOG(N))	0.99%	1
O(N)+O(A(M))	0.99%	1
O(N*M)	0.99%	1
O(NALPHA(N))	0.99%	1
Totals	**100%**	**101**

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

Keyword Matches: 2



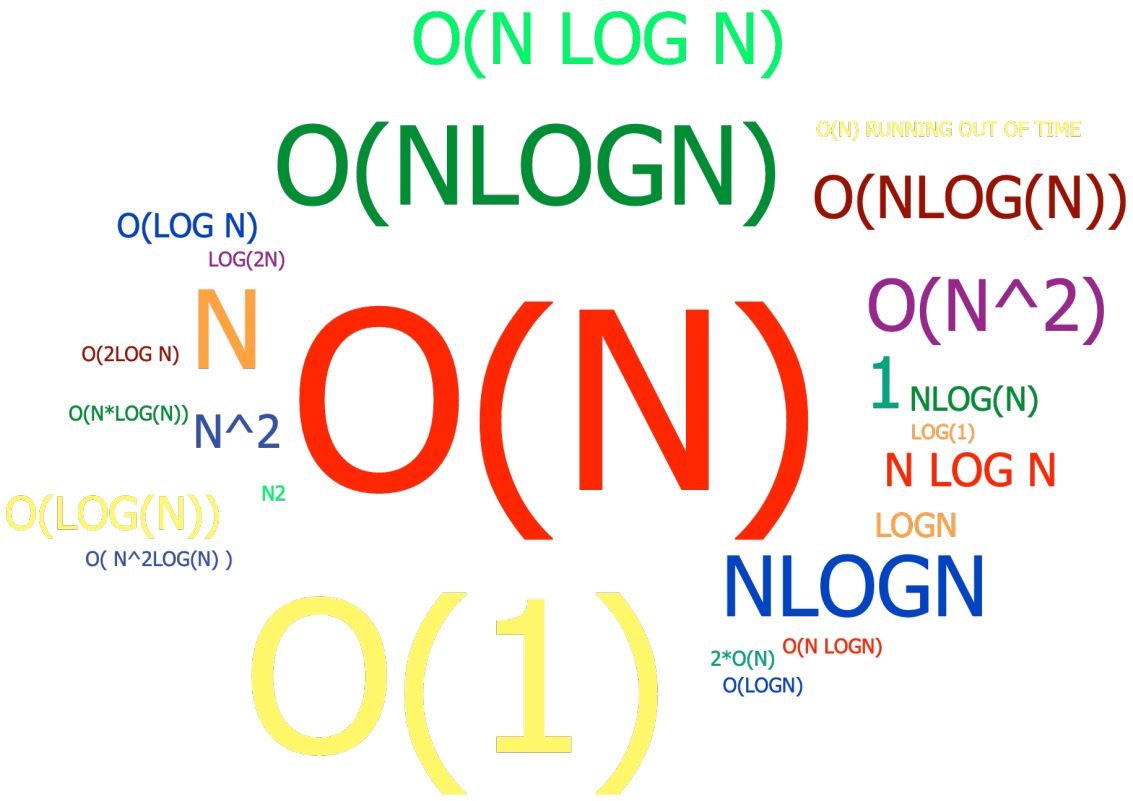
3. Please do Question 3 which is displayed on the screen in class. (Short Answer)

	Responses	
	Percent	**Count**
O(N)	18.81%	19

O(1)	15.84%	16
N	7.92%	8
O(NLOGN)	7.92%	8
NLOGN	5.94%	6
1	4.95%	5
O(N LOG N) *(c)*	4.95%	5
O(N^2)	4.95%	5
O(NLOG(N))	3.96%	4
N LOG N *(c)*	2.97%	3
N^2	2.97%	3
O(LOG(N))	2.97%	3
LOGN	1.98%	2
NLOG(N)	1.98%	2
O(LOG N)	1.98%	2
2*O(N)	0.99%	1
LOG(1)	0.99%	1
LOG(2N)	0.99%	1
N2	0.99%	1
O(N^2LOG(N))	0.99%	1
O(2LOG N)	0.99%	1
O(LOGN)	0.99%	1
O(N LOGN)	0.99%	1
O(N) RUNNING OUT OF TIME	0.99%	1
O(N*LOG(N))	0.99%	1
Totals	**100%**	**101**

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

Keyword Matches: 8



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

	Responses	
	Percent	**Count**
5	47.52%	48
6	20.79%	21
3	3.96%	4
4	3.96%	4
10	2.97%	3
16 *(c)*	2.97%	3

2	2.97%	3
1	0.99%	1
11	0.99%	1
120	0.99%	1
20	0.99%	1
25	0.99%	1
26	0.99%	1
32	0.99%	1
5!	0.99%	1
7	0.99%	1
8	0.99%	1
ALPHA(5)	0.99%	1
CHICKEN	0.99%	1
N	0.99%	1
O(1)	0.99%	1
O(N) RUNNING OUT OF TIME	0.99%	1
Totals	**100%**	**101**

Keyword(s): 16

Keyword Matches: 3

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

	Responses	
	Percent	**Count**
5	59.41%	60
6	13.86%	14
10	5.94%	6
4	2.97%	3
1	1.98%	2
15	1.98%	2

3	1.98%	2
32	1.98%	2
0	0.99%	1
16 *(c)*	0.99%	1
18	0.99%	1
19	0.99%	1
26	0.99%	1
45	0.99%	1
9	0.99%	1
O(1)	0.99%	1
O(5)	0.99%	1
O(N)	0.99%	1
Totals	**100%**	**101**

Keyword(s): 16

Keyword Matches: 1


O(5)
32
45
15
9
19
1
10
0
3
O(1)
5
O(N)
16
4
26
6
18