Session Name: 11-A-Big-O 10-5-2023 12-00 PM

Date Created: 10/5/23, 11:54:19 AM	**Active Participants:** 62 of 73
Average Score: 21.77%	**Questions:** 4

Results by Question

1. Please do question 1, which is displayed on the screens in class. (Short Answer)

	Responses	
	Percent	**Count**
O(N) *(c)*	72.13%	44
O(NM)	4.92%	3
N	3.28%	2
O(N^2)	3.28%	2
0(1)	1.64%	1
1	1.64%	1
?	1.64%	1
A	1.64%	1
O (N)	1.64%	1
O(LOGN)	1.64%	1
O(MLOG(N))	1.64%	1
O(N	1.64%	1
O(N*M)	1.64%	1
O(NM^2)	1.64%	1
Totals	**100%**	**61**

Keyword(s): O(n)

Keyword Matches: 44

O(N^2) O(N*M) O(1) O(LOGN) O(NM^2) O(N^2) ? A O(N)

O(N)

O(N O(NM) N 1 O(MLOG(N))

2. **Please do question 2, which is displayed on the screens in class. (Short Answer)**

	Responses	
	Percent	**Count**
O(M)	50.82%	31
O(N)	8.2%	5
O(V.SIZE())	4.92%	3
M	3.28%	2
O(M LOG M) *(c)*	3.28%	2
O(MLOG(M))	3.28%	2

1	1.64%	1
?	1.64%	1
A	1.64%	1
O (M)	1.64%	1
O(LOGM)	1.64%	1
O(M + N)	1.64%	1
O(M LOG N)	1.64%	1
O(M*N)	1.64%	1
O(M^2)	1.64%	1
O(MLOG(N))	1.64%	1
O(MLOGM)	1.64%	1
O(MLOGN)	1.64%	1
O(N LOGN)	1.64%	1
O(N+M)	1.64%	1
O(NLOGM)	1.64%	1
O(V)	1.64%	1
Totals	**100%**	**61**

Keyword(s): O(m log m)

Keyword Matches: 2

O(MLOGN) O(MLOGM)

O(V) O(N LOGN) O(N+M) O(MLOG(N))
O(M^2)

O(V.SIZE()) M O(M LOG M)

O(M)

O (M) ?

O(N) 1 A O(MLOG(M))
O(LOGM)

O(NLOGM) O(M*N) O(M + N)
O(M LOG N)

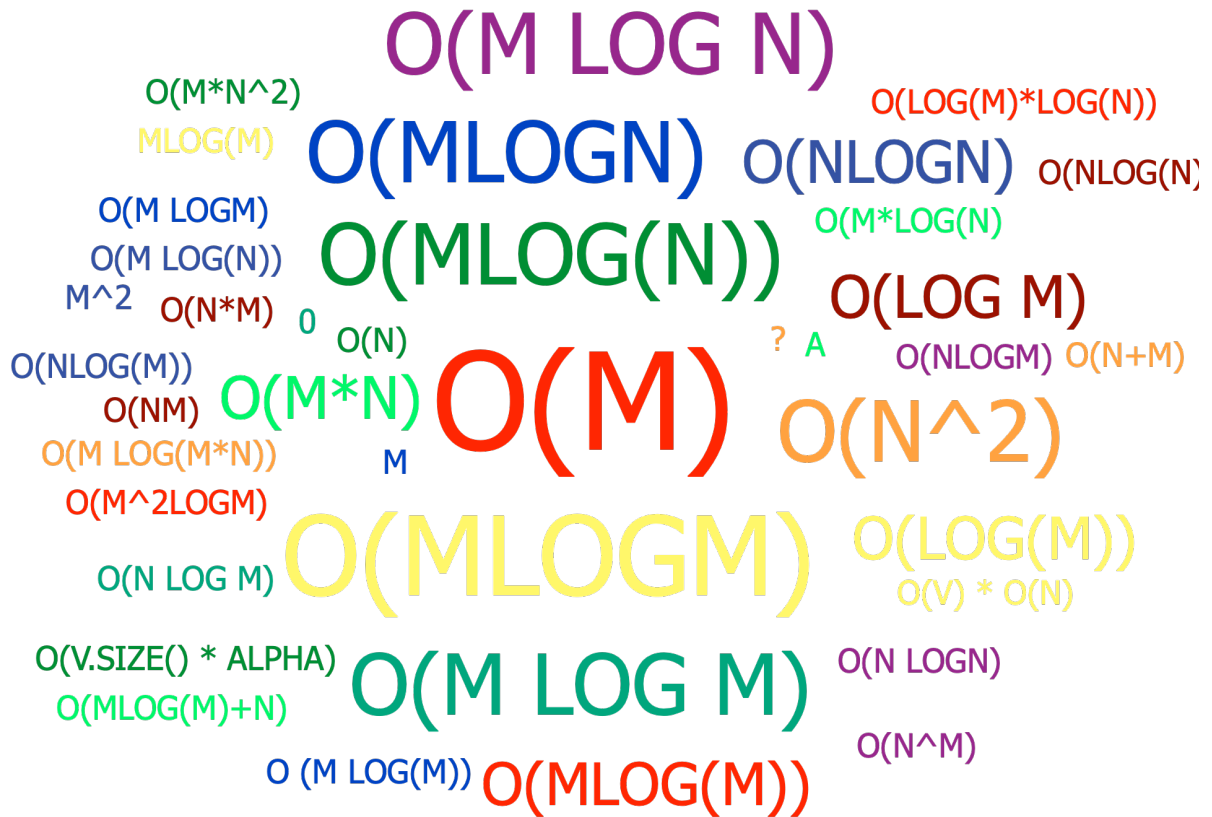**3. Please do question 3, which is displayed on the screens in class. (Short Answer)**

	Responses	
	Percent	**Count**
O(M)	8.06%	5
O(MLOGM)	6.45%	4
O(M LOG M) *(c)*	4.84%	3
O(M LOG N)	4.84%	3
O(MLOG(N))	4.84%	3
O(MLOGN)	4.84%	3

O(N^2)	4.84%	3
O(LOG M)	3.23%	2
O(LOG(M))	3.23%	2
O(M*N)	3.23%	2
O(MLOG(M))	3.23%	2
O(NLOGN)	3.23%	2
0	1.61%	1
?	1.61%	1
A	1.61%	1
M	1.61%	1
M^2	1.61%	1
MLOG(M)	1.61%	1
O (M LOG(M))	1.61%	1
O(LOG(M)*LOG(N))	1.61%	1
O(M LOG(M*N))	1.61%	1
O(M LOG(N))	1.61%	1
O(M LOGM)	1.61%	1
O(M*LOG(N)	1.61%	1
O(M*N^2)	1.61%	1
O(M^2LOGM)	1.61%	1
O(MLOG(M)+N)	1.61%	1
O(N LOG M)	1.61%	1
O(N LOGN)	1.61%	1
O(N)	1.61%	1
O(N*M)	1.61%	1
O(N+M)	1.61%	1
O(N^M)	1.61%	1
O(NLOG(M))	1.61%	1
O(NLOG(N))	1.61%	1
O(NLOGM)	1.61%	1
O(NM)	1.61%	1

	Percent	Count
O(V) * O(N)	1.61%	1
O(V.SIZE() * ALPHA)	1.61%	1
O(V.SIZE() LOG(V.SIZE()))	1.61%	1
Totals	**100%**	**62**

Keyword(s): O(m log m)

Keyword Matches: 3

O(V.SIZE() LOG(V.SIZE())))
O(M LOG N)
O(M*N^2)
MLOG(M)
O(MLOGN) O(NLOGN)
O(LOG(M)*LOG(N))
O(NLOG(N)
O(M LOGM)
O(M LOG(N))
O(MLOG(N))
O(M*LOG(N)
M^2 O(N*M) 0 O(N)
O(LOG M)
? A
O(NLOGM) O(N+M)
O(NLOG(M))
O(NM) O(M*N) O(M)
O(N^2)
O(M LOG(M*N))
M
O(M^2LOGM)
O(MLOGM)
O(LOG(M))
O(V) * O(N)
O(N LOG M)
O(V.SIZE() * ALPHA) O(M LOG M)
O(N LOGN)
O(MLOG(M)+N)
O(N^M)
O (M LOG(M)) O(MLOG(M))

4. Please do question 4, which is displayed on the screens in class. (Short Answer)

	Responses	
	Percent	**Count**
O(LOG(M))	20.69%	12

O(LOGM)	12.07%	7
O(M)	12.07%	7
O(LOG M) *(c)*	8.62%	5
O(N)	6.9%	4
LOG(M)	5.17%	3
O(MLOG(N))	5.17%	3
O(LOG N)	3.45%	2
O(LOG(N))	3.45%	2
O(MLOGN)	3.45%	2
?	1.72%	1
A	1.72%	1
BINARY SEARCH	1.72%	1
LOG(N)	1.72%	1
O(2^M)	1.72%	1
O(H)	1.72%	1
O(LOG(V.SIZE()))	1.72%	1
O(LOGN)	1.72%	1
O(N*LOG(M))	1.72%	1
O(NLOG(M))	1.72%	1
O(NLOGM)	1.72%	1
Totals	**100%**	**58**

Keyword(s): O(log m)

Keyword Matches: 5

BINARY SEARCH

O(NLOGM) LOG(M) O(H) O(NLOG(M))

O(LOG(V.SIZE()))) O(LOG(N))

O(MLOG(N)) O(M) O(N)

O(2^M) A ? O(LOGN)

O(LOG(M))

O(MLOGN) O(LOGM) O(N*LOG(M))

O(LOG N)

O(LOG M) LOG(N)