

Session Name: 06 - Recursion Review 2-10-2022 12-23 PM

Date Created: 2/10/22, 12:12:32 PM Active Participants: 111 of 119

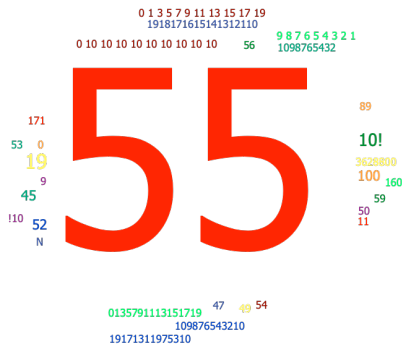
Average Score: 42.70% Questions: 5

Results by Question

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

| Responses | | |
|---------------------------------|---------|-------|
| | Percent | Count |
| 55 (c) | 66.67% | 74 |
| 19 | 3.6% | 4 |
| 10! | 2.7% | 3 |
| 100 | 1.8% | 2 |
| 45 | 1.8% | 2 |
| 52 | 1.8% | 2 |
| !10 | 0.9% | 1 |
| 0 | 0.9% | 1 |
| 0 1 3 5 7 9 11 13 15 17 19 | 0.9% | 1 |
| 0 10 10 10 10 10 10 10 10 10 | 0.9% | 1 |
| 0135791113151719 | 0.9% | 1 |
| 1098765432 | 0.9% | 1 |
| 109876543210 | 0.9% | 1 |
| 11 | 0.9% | 1 |
| 160 | 0.9% | 1 |
| 171 | 0.9% | 1 |
| 19171311975310 | 0.9% | 1 |
| 1918171615141312110 | 0.9% | 1 |
| 3628800 | 0.9% | 1 |
| 47 | 0.9% | 1 |
| 49 | 0.9% | 1 |
| 50 | 0.9% | 1 |
| 53 | 0.9% | 1 |

| | | | |
|-------------------|-------------|------------|---|
| 54 | 0.9% | 1 | |
| 56 | 0.9% | 1 | |
| 59 | 0.9% | 1 | |
| 89 | 0.9% | 1 | |
| 9 | 0.9% | 1 | |
| 9 8 7 6 5 4 3 2 1 | 0.9% | 1 | |
| N | 0.9% | 1 | |
| Totals | 100% | 111 | Keyword(s): 55 Keyword Matches: 74 |



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



| Responses | | |
|---------------|-------------|------------|
| | Percent | Count |
| O(N) (c) | 40.54% | 45 |
| N (c) | 22.52% | 25 |
| O(N^2) | 9.91% | 11 |
| N^2 | 5.41% | 6 |
| O(1) | 4.5% | 5 |
| N^10 | 2.7% | 3 |
| N^N | 2.7% | 3 |
| 0(N) | 1.8% | 2 |
| 2^N | 1.8% | 2 |
| O(2^N) | 1.8% | 2 |
| !N | 0.9% | 1 |
| LOG(N) | 0.9% | 1 |
| N^N-1 | 0.9% | 1 |
| O(N!) | 0.9% | 1 |
| O(N^N) | 0.9% | 1 |
| O(N^N-1) | 0.9% | 1 |
| ON^2 | 0.9% | 1 |
| Totals | 100% | 111 |

Keyword(s): O(n);n

Keyword Matches: 70

$O(N)$
 N^2

2^N
 IN
 $O(N^N)$

N

$O(2^N)$
 N^{N-1}
 N^{10}

$O(N^2)$

O(N)

$O(N)$

$O(1)$
 $O(N^2)$

$\log(N)$ N^N
 $O(N^{N-1})$

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

| Responses | | |
|------------|---------|-------|
| | Percent | Count |
| DERF (c) | 45.45% | 50 |
| FRED | 14.55% | 16 |
| DREF | 5.45% | 6 |
| FF | 2.73% | 3 |
| F | 1.82% | 2 |
| FFRFREFRED | 1.82% | 2 |
| | | |

| | | |
|-----------------------------|-------------|-----------|
| FREDFRED | 1.82% | 2 |
| FRF | 1.82% | 2 |
| REDF | 1.82% | 2 |
| REDFEDFRDFRE | 1.82% | 2 |
| "" | 0.91% | 1 |
| DDEDEREDRFREDF | 0.91% | 1 |
| DERFFREE | 0.91% | 1 |
| EDGE | 0.91% | 1 |
| EEDRREDF | 0.91% | 1 |
| F FR FRE FRED | 0.91% | 1 |
| FD | 0.91% | 1 |
| FFED | 0.91% | 1 |
| FFF | 0.91% | 1 |
| FFFF | 0.91% | 1 |
| FFFRRED | 0.91% | 1 |
| FFRFREFREDFRED | 0.91% | 1 |
| FREDF | 0.91% | 1 |
| FREDFFF | 0.91% | 1 |
| FREDFFREDFRFREDFREDFREDFRED | 0.91% | 1 |
| FREDFREDEDD | 0.91% | 1 |
| FREDEDD | 0.91% | 1 |
| NA | 0.91% | 1 |
| RAD | 0.91% | 1 |
| REDFREDRREDEREDD | 0.91% | 1 |
| REF | 0.91% | 1 |
| RF | 0.91% | 1 |
| RFFR | 0.91% | 1 |
| Totals | 100% | 50 |

Keyword(s): derF
 Keyword Matches: 50



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

| Responses | | |
|--------------|---------|-------|
| | Percent | Count |
| O(N) | 31.82% | 35 |
| $N^2 (c)$ | 16.36% | 18 |
| $O(N^2) (c)$ | 16.36% | 18 |
| N | 9.09% | 10 |
| O(1) | 4.55% | 5 |
| 2^N | 2.73% | 3 |
| | | |

| | | |
|---------------|-------------|------------|
| N^N | 1.82% | 2 |
| O(N^N) | 1.82% | 2 |
| O(NLOGN) | 1.82% | 2 |
| 00 | 0.91% | 1 |
| 5N | 0.91% | 1 |
| LOG N | 0.91% | 1 |
| LOG(N) | 0.91% | 1 |
| LOGN | 0.91% | 1 |
| N LOG N | 0.91% | 1 |
| N N N+1 | 0.91% | 1 |
| N*N | 0.91% | 1 |
| N^1 | 0.91% | 1 |
| NA | 0.91% | 1 |
| NLOG(N) | 0.91% | 1 |
| O(N!) | 0.91% | 1 |
| O(V) | 0.91% | 1 |
| O(V^2) | 0.91% | 1 |
| ON^2 | 0.91% | 1 |
| Totals | 100% | 110 |

Keyword(s): O(n^2);n^2

Keyword Matches: 36

$O(1)$ N N^2
 $N \log N$ $\log N$ N^1 $O(V)$ $5N$

$O(N)$
 2^N N^N $O(N^2)$ $O(N!)$ $O(V^2)$ N^N $O(N^N)$ N^*N $O(N \log N)$ $N \log N + 1$ $N \log(N)$ $\log(N)$

$O(N^2)$ $\log N$

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

| Responses | | |
|----------------|---------|-------|
| | Percent | Count |
| O(N) | 34.86% | 38 |
| N | 26.61% | 29 |
| O(1) | 7.34% | 8 |
| $O(N^2)$ (c) | 3.67% | 4 |
| N^2 (c) | 2.75% | 3 |
| O(V) | 2.75% | 3 |
| | | |

| | | |
|--|-------------|------------|
| 2^N | 1.83% | 2 |
| LOG N | 1.83% | 2 |
| N^N | 1.83% | 2 |
| O(LOG N) | 1.83% | 2 |
| O(N LOG N) | 1.83% | 2 |
| ON | 1.83% | 2 |
| 0 | 0.92% | 1 |
| 0(N) | 0.92% | 1 |
| INFINITE | 0.92% | 1 |
| LOG(N) | 0.92% | 1 |
| NA | 0.92% | 1 |
| NLOGN | 0.92% | 1 |
| O(2N) | 0.92% | 1 |
| O(LOG(N)) | 0.92% | 1 |
| O(LOGN) | 0.92% | 1 |
| O(N(LOGN)) | 0.92% | 1 |
| O(N^N) | 0.92% | 1 |
| O(NLOGN) I'M NOT SURE HONESTLY, RECURSION STILL IS CONFUSING TO READ. | 0.92% | 1 |
| Totals | 100% | 109 |

Keyword(s): O(n^2);n^2

Keyword Matches: 7

$O(1)$ $O(\log N)$ N $O(\log N)$
 INFINITE 2^N

$O(N^N)$ $O(N)$

$O(2^N)$ N^2 $O(N)$ $O(N^2)$ $O(\log(N))$ N^N
 $O(N \log N)$ $O(V)$ $\log N$
 $O(N \log N)$ $N \log N$

$O(N \log N)$ I'M NOT SURE HONESTLY, RECURSION STILL IS CONFUSING TO READ.