QUESTION 7 1 points

Saved

1. What is the big O for the code below

QUESTION 8 2 points Saved

1. What is the big O for the code below

^{c.} O(n²) d. _{O(n)} 1. What is the big O for the code below

QUESTION 6 6 points Saved

Fill in the blanks with the correct frequency for every line and the total big O:

1. What is the big O for the code below

QUESTION 4 2 points Saved

What is the big O notation of the following function:

$$n^{2} + n \log n^{2n}$$

$$O(2^{n}) \qquad N^{2} + N \log N + N \log 2^{n}$$

$$O(n \log n) \qquad N^{2} + N \log N + N \log 2^{n}$$

$$O(n^{2})$$

$$O(n^{2} \log n)$$

QUESTION 5 1 points Saved

1. What is the big O for the code below

public int method2(int n) {

QUESTION 1

5 points

Fill in the blanks with the correct frequency in the corresponding line:

```
1 public int method5(int n) {
2 int k = 100, sum = 0;
   for (int i = 0; i < n; i++) N + I
          for (j = 1; j \le k; j++) { (00 < k < k) = 10 (n)}
             sum = i + j; | | | | | |
6
     System.out.println(sum);
9 }
                         )
O( N
```

QUESTION 2

2 points

What is the big O notation of the following function:

$$n^{\log 2} + \log n^n + n \log n!$$

O(n log n)

O(n log n!)

O(n)

O(log n)

The base of The 109 15 2 Not 10 Pule: 109,2 = 1

QUESTION 3

1 points