

# Question 7

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Write a program to sort a list of numbers that are accepted through command line arguments.

```
class Sorting {
    public static void main(String args[]) {
        int i, j, num1, num2, n = args.length;
        String temp;

        for (i = 0; i < n - 1; i++) {
            for (j = 0; j < n - 1 - i; j++) {
                num1 = Integer.parseInt(args[j]);
                num2 = Integer.parseInt(args[j + 1]);
                if (num1 > num2) {
                    temp = args[j];
                    args[j] = args[j + 1];
                    args[j + 1] = temp;
                }
            }
        }

        System.out.println("The sorted list:");
        for (i = 0; i < n; i++) {
            System.out.print(args[i] + " ");
        }
    }
}
```

Output:

```
D:\clg_notes\Sem_4\Java\Lab\Part A>java Sorting 56 -8 0 85 96 11 23 5
The sorted list:
-8 0 5 11 23 56 85 96
```