

Comparison of shop simulation development using procedural Python, C, and Java

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1 Introduction

1.1 Sorting

1. tolower(), etc —> one char – have to iterate through char array

Algorithm 1 A function for comparing numerical values

```
1: procedure COMPARATOR( $a, b$ )  
2:   if  $a < b$  then return -1  
3:   if  $a = b$  then return 0  
4:   if  $a > b$  then return 1
```

1.1.1 Inversions

there

1.1.2 Efficiency

you