

CSE2031

Lab 8 Summer 2016 Practice Questions

Here are some practice questions to test your C abilities.

1. Modify the `inventory.c` program of Section 16.3 by adding a `price` member to the `part` structure. The `insert` function should ask the user for the price of a new item. The `search` and `print` functions should display the price. Add a new command `c` (change) that allows the user to alter the price of a part by calling `change` function.
2. Modify Programming Project 8 from Chapter 5 so that the times are stored in a single array. The elements of the array will be structures, each containing a departure time and the corresponding arrival time. Each time will be an integer, representing the number of minutes since midnight. The program will use a loop to search the array for the departure time closest to the time entered by the user.
3. Modify the `inventory.c` program of Section 16.3 so that the `p` (print) command calls `qsort` to sort the `inventory` array before it prints the parts.