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| --- |
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|  | //Pseudo code for coffee shop |
|  |  |
|  |  |
|  | //functions needed: |
|  | main function |
|  | coffee menu/ order function |
|  | food menu/ order function |
|  | recipt function // to print recipt |
|  | sort function/ swap function |
|  | search function |
|  |  |
|  | main |
|  | { |
|  | drink name array |
|  | drink price array |
|  | food name array |
|  | food price array |
|  |  |
|  | totalDrink vector //store items chosen |
|  | totalcosts vector // store prices chosen |
|  |  |
|  | int choice //for choosing between coffee or food |
|  | string input // for selecting item wanted |
|  | char in // input for while loop to continue ordering |
|  | double totalprice // adding up costs |
|  |  |
|  | sort call for names/price |
|  |  |
|  | display welcome screen |
|  |  |
|  | do |
|  | { |
|  | display option for drink or food |
|  | cin choice |
|  |  |
|  | while(choice is not 1 or 2) |
|  | repeat cin until correct answer; |
|  |  |
|  | if(user chooses option for drink) |
|  | call drink function; |
|  |  |
|  | else if(user chooses option for food) |
|  | call food function; |
|  |  |
|  | store vectors used; |
|  |  |
|  | display order so far |
|  | display for continue for loop |
|  | cin in; |
|  | }while(user says yes "Y") |
|  |  |
|  | call recipt function |
|  |  |
|  | display order |
|  |  |
|  | display message for user for ordering |
|  |  |
|  | return 0; |
|  | } |
|  |  |
|  |  |
|  |  |
|  | sort function{} |
|  | swap function{} |
|  | search function{} |
|  |  |
|  | coffee function/ food function //both functions will act the same |
|  | { |
|  | reuses the appropriate array |
|  | displays the menu |
|  | sort call for names/price |
|  |  |
|  | display option for item |
|  | string input |
|  |  |
|  | call search function |
|  |  |
|  | while(item not found) |
|  | reenter and retry for item |
|  | call search; |
|  |  |
|  | return item |
|  | } |
|  |  |
|  |  |
|  | reciept function |
|  | { |
|  | prints items with price saved on vector |
|  | prints total |
|  | print message for recipt |
|  | print onto text file |
|  | } |