Pseudocode for the CPP  
  
Program VectorSorting

Structure Bid

bidId, title, fund as String

amount as Double

Function main()

Initialize csvPath, bids vector, and choice

Loop (choice != 9)

Display menu options

Get user choice

Switch choice

Case 1: Load bids from CSV

Case 2: Display all bids

Case 3: Perform selection sort on bids

Case 4: Perform quick sort on bids

Case 9: Exit program

End Switch

End Loop

End Function

Function loadBids(csvPath)

Initialize bids vector

Parse CSV file at csvPath

Loop through each row in CSV

Create a Bid from CSV row

Add Bid to bids vector

End Loop

Return bids

End Function

Function selectionSort(bids)

For each bid in bids

Find the minimum bid title

Swap the current bid with the minimum bid

End For

End Function

Function quickSort(bids, begin, end)

If begin < end

Find partition point

Recursively apply quickSort on low and high partitions

End If

End Function

Function partition(bids, begin, end)

Set pivot

Loop until partition is complete

Move low and high pointers

Swap elements if needed

End Loop

Return partition point

End Function

End Program