CSE110 Review Questions
Prepared by Ryan Dougherty

Sorting

Question 1   Write the contents after each step of selection sort and insertion sort (assume by alphabetical order).

Mike   Betsy   Aaron   Steven   Doug   Pat   Elise

Answers:
Selection Sort:
Original: M B A S D P E
Pass 1: A B M S D P E
Pass 2: A B M S D P E
Pass 3: A B D S M P E
Pass 4: A B D E M P S
Pass 5: A B D E M P S
Pass 6: A B D E M P S
   Insertion Sort:
Original: M B A S D P E
Pass 1: B M A S D P E
Pass 2: A B M S D P E
Pass 3: A B M S D P E
Pass 4: A B D M S P E
Pass 5: A B D M P S E
Pass 6: A B D E M P S