

East West University
Department of Computer Science and Engineering

CSE207 – Data Structures
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Binary Heap

1. Write a program to find k largest element in an array. You have use binary heap to solve the above mentioned problem

Sample Input	Sample Output
1, 23, 12, 9, 30, 2, 50	K:3 Element: 50, 30, 23

2. Write a program to sort elements of an array in ascending order using Binary Heap.

Sample Input	Sample Output
12, 11, 13, 5, 6, 7	5 6 7 11 12 13

3. Write a program to convert an array representing Min Heap to Max Heap.

Sample Input	Sample Output
3 5 9 6 8 20 10 12 18 9	20 18 10 12 9 9 3 5 6 8 or [any Max Heap formed from input elements]

4. Write a program to find smallest and largest element of a binary heap.

Sample Input	Sample Output
3 5 9 6 8 20 10 12 18 9	Min: 3 Max: 20