

HW 3c - Trace the steps of a Binary Search on the following sorted list.

- Use the same steps and format as the example in our lecture.
 - o For each step, draw an arrow showing the location of **first**, **midpoint**, and **last** (first and the arrow are given in the first step)
- Do your trace on this sheet. and staple it to HW_3a and HW_3b.
- **Must be turned on time**, because we will go over the solution in class.

Binary Search for 88

list [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]

↑
first

Handwritten red annotations: "n" is written below index 5, and "0" is written below index 11.

list [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]

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list[0]  [1]  [2]  [3]  [4]  [5]  [6]  [7]  [8]  [9]  [10] [11]
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list [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]

m = 88

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list [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]
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list [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]
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