Binary Search Handout - fill in the low, mid, and high columns, then show what binary search would return in each case.

```
x = 99
L = [-20, -12, -4, 1, 7, 44, 45, 46, 58, 67, 99, 145]     low    mid    high
                                                          ----------------
index: 0    1    2   3   4   5   6   7   8   9  10   11
```

```
x = -10
L = [-20, -12, -4, 1, 7, 44, 45, 46, 58, 67, 99, 145]     low    mid    high
                                                          ----------------
index: 0    1    2   3   4   5   6   7   8   9  10   11
```

```
x = "kenny"
L = ["ayaka","christie","kendre","maleyah","mikey","rohan","sky","tristan","zach"]        low   mid   high
                                                                                          ----------------

index: 0        1        2        3        4        5        6        7        8
```

```
x = "sky"
L = ["ayaka","christie","kendre","maleyah","mikey","rohan","sky","tristan","zach"]        low   mid   high
                                                                                          ----------------

index: 0        1        2        3        4        5        6        7        8
```