Binary search design

```
temp = head
low = head
high = tail
while (low→value <= high→value)
    mid = (low→index + high→index) / 2
    if (temp→(next·mid)→value = target)
        return target
    else if (temp→(next·mid)→value < target)
        low = temp→(next·mid)→next
    else
        high = temp→(next·(mid-1))
return -1
```

Bubble sort design


```
[1]   [3]   [5]   [2]
            ↖____↗
              swap
```

Iterate through queue
swap values
repeat until fully sorted