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   6   2
```

Iterate through queue
    if current node less than previous node move it back
        Update previous nodes next + index
        Update current nodes next + index
    do this while current nodes value is less than previous