1. **begin**

2. numbers, left=1, right = numbers.length, key

3. sort numbers[]

4. **while** left<right **do**

5. mid = floor((left+right)/2)

6. **if**  numbers[mid] == key **then**

7.  **return**  key

8. **else if** numbers[mid]>key **then**

9 right = mid - 1

10 **else**

11left = mid + 1

12. **end if**

13. **end while**

14. **return** -1

15. **end**