```java
public static final int FAILURE = −1;

private static int bsearch(int[] i, int left,
                           int right, int findMe) {
    if (left > right) {
        return FAILURE;
    }
    int mid = (left + right) / 2;
    if (findMe == i[mid]) {
        return mid;
    } else if (findMe < i[mid]) {
        return bsearch(i, left, mid − 1, findMe);
    } else {
        return bsearch(i, mid + 1, right, findMe);
    }
}

public static int bsearch(int[] i, int findMe) {
    bsearch(i, 0, i.length − 1, findMe);
}
```