

```
        K++;
    }

    while (i < a.length) {
        result[K] = a[i];
        i++; K++;
    }

    while (j < b.length) {
        result[K] = b[j];
        j++; K++;
    }

    return result;
}

Node toBST(int[] a, int low, int high) {
    if (low > high) return null;
    int mid = (low + high) / 2;
    Node n = new Node(a[mid]);
    n.left = toBST(a, low, mid - 1);
    n.right = toBST(a, mid + 1, high);
    return n;
}
```