

```
1  Arrays frontEdgeData;
2  Arrays backEdgeData;
3  Arrays selfConnData;
4  Arrays vertexData;
5  // Parameters: 1.array structure,
6  //              2.number of components in struct,
7  //              3.length of the packed array,
8  //              4.access mode of the packed array,
9  //              5.the packed array.
10 constructSingleArray(frontEdgeData, 1, edgeNum, COPYIN, edge);
11 constructEmptyArray(backEdgeData);
12 constructEmptyArray(selfConnData);
13 addSingleArray(vertexData, 1, vertexNum, COPYIN, x);
14 addSingleArray(vertexData, 1, vertexNum, COPYOUT, b);
```