```
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, upper);
11   constructSingleArray(backEdgeData, 1, edgeNum, COPYIN, lower);
12   constructSingleArray(selfConnData, 1, vertexNum, COPYIN, diag);
13   addSingleArray(vertexData, 1, vertexNum, COPYIN, x);
14   addSingleArray(vertexData, 1, vertexNum, COPYOUT, b);
```