```
// createDenseArray() time >  createSparseArray() time
// denseFindMax() time > sparseFindMax() time

Please enter array length:
1000000
Please enter array density:
0.01
createDenseArray() length: 1000000  time: 35621000
createSparseArray() length: 9934  time: 29509000
denseFindMax: 999882 at 949575
denseFindMax() time: 9279000
sparseFindMax: 999705 at 363945
sparseFindMax() time: 4002000
```

```
// createDenseArray() time >  createSparseArray() time *but only slightly
// denseFindMax() time < sparseFindMax() time

Please enter array length:
1000000
Please enter array density:
0.1
createDenseArray() length: 1000000  time: 34556000
createSparseArray() length: 99751  time: 32650000
denseFindMax: 999997 at 372260
denseFindMax() time: 9385000
sparseFindMax: 999998 at 287329
sparseFindMax() time: 12753000
```

```
// createDenseArray() time <  createSparseArray() time *but only slightly
// denseFindMax() time < sparseFindMax() time

Please enter array length:
1000000
Please enter array density:
0.5
createDenseArray() length: 1000000  time: 44829000
createSparseArray() length: 499723  time: 49150000
denseFindMax: 1000000 at 693656
denseFindMax() time: 9179000
sparseFindMax: 999999 at 72986
sparseFindMax() time: 19945000
```

```
// createDenseArray() time >  createSparseArray() time *but only slightly
// denseFindMax() time > sparseFindMax() time *but only slightly

Please enter array length:
10000000
Please enter array density:
0.01
createDenseArray() length: 10000000  time: 263021000
createSparseArray() length: 100177  time: 259574000
denseFindMax: 999989 at 8258010
denseFindMax() time: 13239000
sparseFindMax: 999995 at 5925798
sparseFindMax() time: 12746000
```

```
// createDenseArray() time <  createSparseArray() time *but only slightly
// denseFindMax() time > sparseFindMax() time

Please enter array length:
100000000
Please enter array density:
0.01
createDenseArray() length: 100000000  time: 2464882000
createSparseArray() length: 999925  time: 2534490000
denseFindMax: 999999 at 13447405
denseFindMax() time: 53570000
sparseFindMax: 1000000 at 14687886
sparseFindMax() time: 21129000
```