```
double minDistance = point[0].distance(point[1]);

/* Visit a pair (i, j) of points. */
for (int i = 0; i < numPoints; i++) {
    /* We require j > i so each pair is visited only once */
    for (int j = i + 1; j < numPoints; j++) {
        double thisDistance = point[i].distance(point[j]);
        if (thisDistance < minDistance) {
            minDistance = thisDistance;
        }
    }
}
```