int low = 0;

int high = 1;

while (high < points.length) {

if (high - low >= 4) {

printPointSequences(points, low, high);

low = high;

}

else {

if (points[low].slopeTo(base\_point) == points[high].slopeTo(base\_point)) {

if (base\_point.compareTo(points[high]) == -1) {

high++;

}

}

else {

low = high;

high = low + 1;

}

}

}

}

}