K closed points to origin

class Solution {

public int[][] kClosest(int[][] points, int K)

{

PriorityQueue<int[]> maxheap=new PriorityQueue<>(new Comparator<int[]>(){

public int compare(int[] p1 ,int[] p2)

{

return (p2[0]\*p2[0]+p2[1]\*p2[1])-(p1[0]\*p1[0]+p1[1]\*p1[1]);

}

});

for(int i=0 ;i<points.length ;i++)

{

maxheap.add(points[i]);

if(maxheap.size()>K)

{

maxheap.poll();

}

}

int[][] result=new int[K][2];

for(int i=0 ;i<K; i++)

{

result[i]=maxheap.poll();

}

return result;

}

}