

```
public static void quickSart (int [] 988, int lo, int hi) }
   if ( lo >= hi) {
        return;
   int pivot = ass[hi];
   int pivotindex = partition (arr, pivot, lo, hi);
   quickSart (arr, lo, pivolinder-1);
   quickSast (ass, pirotindex +1, hi);
public static int pastition (int [] arr, int pivot, int lo,
                                inthi) ?
 System.ont. println ("pivot -> "+ pivot);
  int i=lo) j=lo;
  while (i' <- hi) ?
     if (arr [i] < = pirot) {
          swap (arr, i,j);
     Jelse { itt > 3
  System.ont. println (為"pirot index ->"+ (j-1));
  return (j-1);
public static void swap (int tJarr, int i, intj) {
system out printly ("Swapping" + arr [i] + "and" + arr [j]);
  int temp = arr cis;
   arr Cij' - err Ejj)
   arrejj, temp)
pureic, static void print (int t) arr)?
  for (inti-0, i 2 arr-length; i+4) {
        System. ont. print (arr Ei] +"");
  system out printen ();
```

public static void main (string [] args) {

Scanner s = new Scanner (system.in);

int n = s.next Int();

int [] arr = new int [n];

far (int i = 0; i < n', it+) {

arr [i] = s.next Int();

quick Sert (arr, o, arr.legth-1);

print (arr);

}





