```
public class ClassPartitioner implements Partitioner(
    public static String[] makeRandomArr(int size)(
    String[] randomArr = new String[size];
    for(int i = 0; i < size; i++)[]
        randomArr(i] = Integer.toString(ThreadLocalRandom.current().nextInt(-10, 11));
    return randomArr;</pre>
pattion ( small Arr, O, small Arr. length)
                                                                                                            public static void swap(String[] array, int i1, int i2) {
   String temp = array[i1];
   array[i2];
   array[i2] = temp;
}
         low = 0
h: 3h = 6
                                                                                                              array[12] temp;

lik cint partition(String[] array, int low, int high) {

iff(oue = high) {

return low;

return low;

} th pivotinder = high 1;

String pivot = array[pivotindeo];

int smallerdeforeIndex = low;

int largerAfterIndex = low;

int largerAfterIndex > smallerdeforeIndex) {

if(Integer.porseInt(eray(smallerdeforeIndex)) > Integer.porseInt(pivot)) {

sop(errow.porseInt(eray(smallerdeforeIndex)) > Integer.porseInt(pivot)) {

largerAfterIndex = 1

}
    pivot Index = 5
                                                                                                                 }
else {
    smallerBeforeIndex += 1;
     SBI=O
                                                                                                               if(Integer.\mathit{parseInt}(array[smallerBeforeIndex]) < Integer.\mathit{parseInt}(pivot)) \{
               LAI>=SBI
                                                                                                              LAI >= SBI
                                  array[0]=4 > 1
                                                                                                                 array[0]=2 > 1
                    (2) 9, -3, 4 (4) (1)
                                                                                                                (4,9,-3,2,4,1)
                                                                                                                     SB[=0
LA T = 2
                SBT=0
                        LAI>=SBI
                                                                                                      UTT 7=SBI
                        array [0]=4>1
                                                                                                            array (0) =-3 < )
                                                                                                                                                                   (no swap)
                   C-3, 9, 4, 2, 4, 1]
                                                                                                               (-3, 9, 4, 2, 4, 1]
                        SBI = 0
LAI = 1
                                                                                                                    SBI= 1
LA-I=1
                    LAIZSBI
                        array [1] =9>1
                   [-3,9,4,2,4,]
                       SRI=1
LAI=0
                                                                     it (array (SBI) < p: 10t)
else: Swap (SBI, p: 10t Indax)
                                                                                              (-3(1),4,2,4,9)
```