

Author:Y.Naveen Sai

SAP ID:51834545

enter no.of words

8

enter all words

hello

how

are

you

doing

hope

all

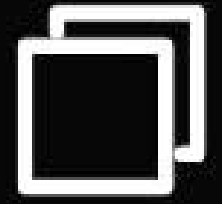
well!

olleh woh era uoy gniod epoh lla !llew

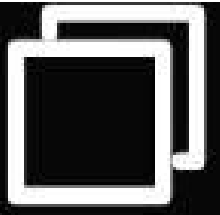
Process finished.



✕ Terminal



```
Y.Naveen Sai  
51834545  
100 sq.in  
company is asus  
12 gb ram  
  
Process finished.
```



Y.Naveen Sai

51834545

enter the n

5

1, 1,2, 1,2,3, 1,2,3,4, 1,2,3,4,5,

Process finished.

```

1  import java.util.Arrays;
2  import java.util.List;
3  import java.util.PriorityQueue;
4
5  class Main
6
7  public static int findKthSmallest(List<Integer> I, int x)
8  {
9      PriorityQueue<Integer> pq = new PriorityQueue<>(I);
10
11      while (--x > 0) {
12          pq.poll();
13      }
14
15      return pq.peek();
16  }
17
18  public static void main(String[] args)
19  {
20      List<Integer> I = Arrays.asList(7, 4, 6, 3, 9, 1);
21      int x = 4;
22
23      System.out.println("Author:Y.Naveen Sai\nSAP ID:51834545");
24      System.out.println("the 4th smallest element in the array");
25                          findKthSmallest(I, x));
26  }
27

```

✕ Terminal



```

Author:Y.Naveen Sai
SAP ID:51834545
the 4th smallest element in the array is 6

Process finished.

```