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ada lab test1.c X ada labtest.c X
 #include<stdio.h>
 #include<stdlib.h>
 #include<time.h>
 void selectionSort(int n,int a[n])
= {
     int pos, temp;
      for (int i = 0; i < n - 1; i++)
          pos=i;
          for (int j = i + 1; j < n; j++)
              if(a[pos] > a[j])
                   pos=j;
          if (pos != i)
              temp=a[i];
               a[i]=a[pos];
               a[pos]=temp;
  void kth(int n, int a[n], int k)
      printf("\nThe %dth largest number is %d\n", k, a[n-k]);
  int main()
      int n;
      printf("Enter number of elements: ");
       scanf ("%d", &n);
       int a[n];
      printf("The numbers are-\n");
       for(int i=0; i<n; i++)
           a[i]=rand();
```

kth(n,a,k); return 0;

```
nter number of elements: 10
he numbers are-
1
      18467
              6334
                      26500
                              19169
                                      15724
                                              11478
                                                     29358
                                                             26962
                                                                     24464
orted Array-
                                              24464
1
      6334
              11478 15724
                              18467 19169
                                                     26500
                                                             26962
                                                                     29358
election sort time is 0.000000 seconds!!
nter value of k: 2
he 2th largest number is 26962
rocess returned 0 (0x0) execution time : 8.462 s
ress any key to continue.
```