HI HackerRank | Prepare Certify Compete

count posand negitive of a number

Problem Submissions Leaderboard Discussions

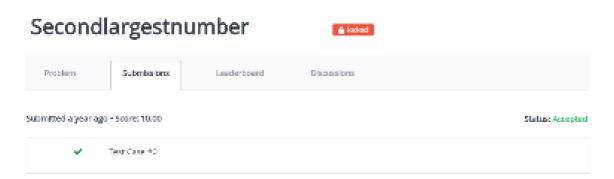
Submitted a year ago • Score: 10.00 Status: Accepted

Apply

Q Search D D D

```
Language: C
                                                                                                               P Open in editor
1 #include<stdio.h>
 3 #include<string.h>
 5 #include<math.h>
 7 #include<stdlib.h>
13 int a[20],n,i,sump=0,sumn=0,countp=0,countn=0;
15 printf("");
17 scanf("%d",&n);
19 for(i=0; i<n; i++)
20
23 printf("",i);
25 scanf("%d",&a[i]);
26
27 }
28
29 for(i=0; i<n; i++)
30
31 {
32
33 if(a[i]>0)
34
35 {
37 sump += a[i];
38
39 countp = countp + 1;
40
41 }
43 else
45 {
47 sumn += a[i];
49 countn = countn + 1;
50
51 }
52
53 }
54
55 printf("Count of positive numbers = %d\n",countp);
57 printf("Sum of positive numbers = %d\n", sump);
59 printf("Count of negative numbers = %d\n",countn);
61 printf("Sum of Negative numbers = %d\n", sumn);
63 }
64
65
66
67
68
69
```

All Contents > CSE PSP LAB PROGRAMS > Second argestrumber



```
Language: C
                                                                                                                                             P. Open in editor.
  1 A frictude Katelloute.
  S ethologie rathring.hk
  5 Africtude Smith.htm
  7 minclude kenditibuha
11 I
12
13
14
15
16
17
18
        . first if , r , s [200] , max L=0 , max 2=0 ;
        print()**(;
        \mathsf{scanf}(``8d",4n):
19
20
21
22
23
24
25
26
         For (1. By 15ny (44))
          -sconf((2ad^n, to((1))))
27
28
29
30
         for (feet; for; fee)
31
33
34
              -110mo(18a+11)
35
36
37
38
                 max2116441),
35
40
                  maxima(1);
41
42
43
            -e(\ln n \cdot i) f(n(i)) \times exp(nn(i)) \cdot (mn(i))
44
4.5
46
47
48
                  mm 67 in [11]
49
50
              3
51
52
53
50
55
56
1
57
58
          printf("The second largest element of the array = No(n^2, max 2);
```

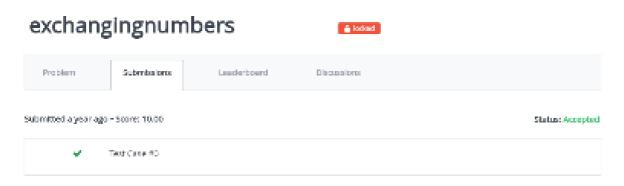
All Contacts > CSE PSP LAB PROGRAMS > REVERSEOFNUMBER 1

REVERSEOFNUMBER 1



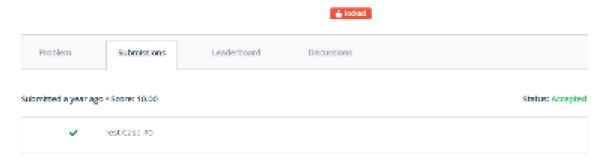
```
Language: C
                                                                                                                                 P. Open in editor.
 1 Africtude Kstdfo.h2
  S etholude rathing.htm
 5 The tude Knathship
 7 minclude kenditib.ha
 9 int min()
11 (
12
13
        int n,renet,revel;
14
15
16
17
18
        print(Con);
        scanf("Md",4n);
19
20
21
22
23
24
25
28
27
28
29
        whill he (n \ge 0)
           rementib;
           contrastitions.
          nen/00;
30
31
         printf("The reverse number of a given number = fd", rev);
32
33 I
34
35
```

All Contents > CSE PSP LAB PROGRAMS > exchanging numbers



```
Language: C
                                                                                                             P. Open in editor.
 1 Ainclude Astelloube
 S #finclude rathring.htm
 7 winclude kenditio.ha
 9 int min()
11 [
13 int s,b,c,d,temp;
15 pr total (***);
17 scenf("%d %d %d %d",&s,&b,&c,&d);
19 temp or
20
21 arb;
23 b-c;
24
25 chall
28
27 detamp;
29 printf (Witer swappington - Moinb - Moinc - Moind - Moinf, a,b,c,c);
30
31 ]
32
33
34
35
36
37
```

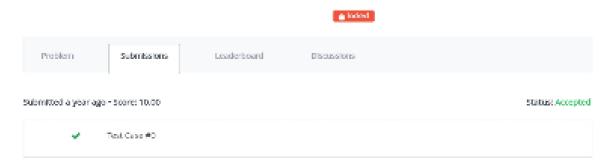
SRIT_FACTORIAL BETWEEN 5000 AND 32565



```
tanguage: C
                                                                                                               Propen in editor
1 #finclude katdfo.ha
 2
3 Africtude Vatring h2
 5 minolade captable
 5
7 Finctode Katdtibaba
 9 inc main() {
 10
        - int factal, i, max, min, a-1;
13 printf(***);
15 skenf("Mar,bein);
 17 pr tett (***);
19 asanf("Mar ,dmax);
21 printl("Monters with factoriats between Ne and Net ", min, nor);
23 for(issidemas;i++)
24
25 4
26
27 Part - Part + 1)
28
29 if(fact) main && fact(max)
30
31.4
32
33 (f(see1)
34
35 (
36
IF printf(""",1);
38
39 x=6;
40
41.1
42
43 else
44
45 printing 985, 10;
45
47.3
48
49 1
S1 printf("(n^*);
52
53 (
54
55
58
57
58
59
60
01
```

All Contacts: 3: CSE PSP LAB PROGRAMS: 3: SRIT_SUM OF FIRST NITTERMS OF THE SERIES.

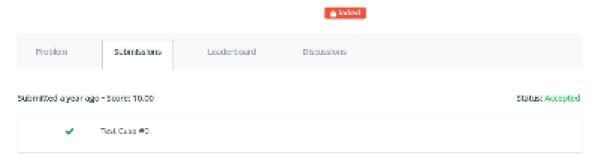
SRIT_SUM OF FIRST N TERMS OF THE SERIES



```
Language: C
                                                                                                          P. Open in editor
1 Fine backets (in the
 B made()
 5.4
 7 int n,i,sumed,summed,sumped;
11 scanf("bd",sn);
 13 for(1-0; 14n; 100)
15 (
17 11(1)(2==0)
19.0
20
21 sump = 2×4:0;
23 (
25 eles
26
27.4
28
20 rams - -(2x3+1);
30
31 3
33 3
35 sun-sump + sumn;
35
37 printl("The sum of first 60 terms of the series is a 5dur", r, sum);
39.3
40
41
42
43
44
45
46
47
```

All Contests 3: CSE PSP LAB PROGRAMS 3: SRIT_sum of the factorials of numbers between m and n

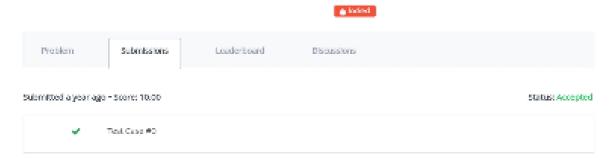
SRIT_sum of the factorials of numbers between m and n



```
Submitted Code
  Language: C
                                                                                                             P. Open in editor
  1 Fine hade syndingly.
  B stinctude ketning.hb
  5 Africtude Knath.hir
  7 Winclude Vatditionh
  9 int win() 1
     for m, n, d;
 13 long long int facts1, sum=6;
 17 aconf("M",tn);
 19 if(180)
20
21 {
28 for() 1;(< x;144).
25 (
26
27 feetent;
28
 29 (1)(32.4)
30
31 {
32
33 con-stact;
35 3
35
37 1
 38
39 priorf("Sum of factorials of numbers between ad and ad is \mathrm{SU(d^2,n,s,sum)} ;
40
41.3
42
43 else
45 (
46
47 printi("e value should be less than n");
48
49
50
51
       return %;
 52
58 1
54
55
56
57
58
59
60
```

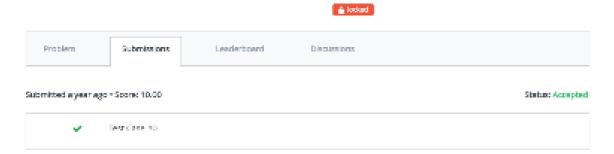
All Contests 3: CSE PSP LAB PROGRAMS 3: SRIT_sum of the three most recent predecessors.

SRIT_sum of the three most recent predecessors.



```
Language: C
                                                                                                               P. Open in editor
 1 Fire bulgestation to
  Y int the 0,the, the 1,tin, 1;
11 aconf("ad",sn);
 B printf("First Sd terms in the series are:", n);
15 printf("out/std(out/s", 11,12,13));
17 for(ded;deen;fee){
19 parenteres;
21 printf("%("n", t40);
22
23 (1.12)
25 meter
26
27 43-64;
28
29 ]
30
31 meturn 0;
32
33 3
34
35
35
37
38
39
40
41
```

SRIT_finds the sum of the infinite series

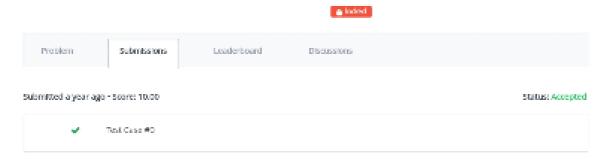


```
Language: C
                                                                                                               JY Open in editor.
1 Africal Lude (abditout)
 2
3 Limbule Susta, ho
 5 int min()
 9 int c,n,m,1+0, fact+1;
11 Float byone 6;
14 scenf("Md44",4x,4n);
18 (
19
20 110102--60
21
22 [
24 fact=1;
25
25 force type (parts).
28.4
29
30 fact factors
31
32 3
33
34 \text{ k-Cprw}(x,t))/twol;
35
36.3
37
38 1107841 60
39
40 1
41
42 feet-1;
43
44 for (* 1 pet 1 junes).
45\,
45 {
48 fact-facting
49
50 ]
51
SZ kw (pos(x,t))/fact;
53
54.3
56 sunvaunik;
58 i i-z<sub>0</sub>
59
60.3
61
62 printi("see - 50", see);
64 3
```

All Contacts D. CSC PSP LAB PROGRAMS D. SRIT_With smallest number among the given one dimensional array

SRIT_Kth smallest number among the given one dimensional array

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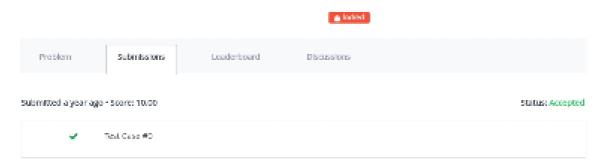


```
Language: C
                                                                                                                                    P Open in editor.
  1 Fine large symbolic by
  3 stinctude estring.htm
 5 Ainclude Keeth, to
  7 Minclude Patditibuhk
  9 July 199 199 199
11 decimate()
13.4
15 \, \, \text{int.} \, \, \text{s} \, [\text{MAX}] \, , \, i, n, j \, , k \cdot k \, , t \cdot \text{sup} \, , p \cdot n \, s \, ;
19 (conf("af", sn))
21 for(1=0; 10n; 100)
23 1
25 printf(***,1.);
27 ocenf("W",Sa[1]);
29 ]
30
31 printf(**);
33 recarf ("ad", skth);
35 for(1=0; 14m; 100)
37 1
39 poset;
40
41 for(jet-1; jen; jen)
43 \ if(x[i]) co(pex))
45 (
47 pos-j;
48
40.3
50
51 keep of (1):
53 a[4] *a[pos];
55 alpositions;
56
57.1
59 printi("We is the With smottest element", alathi, kth);
```

All Contents 3: CSE PSP LAB PROGRAMS 3: SRIT_factors between 1 to 100 for a given number.

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SRIT_factors between 1 to 100 for a given number.



p ¢ ⊕ ~

Submitted Code

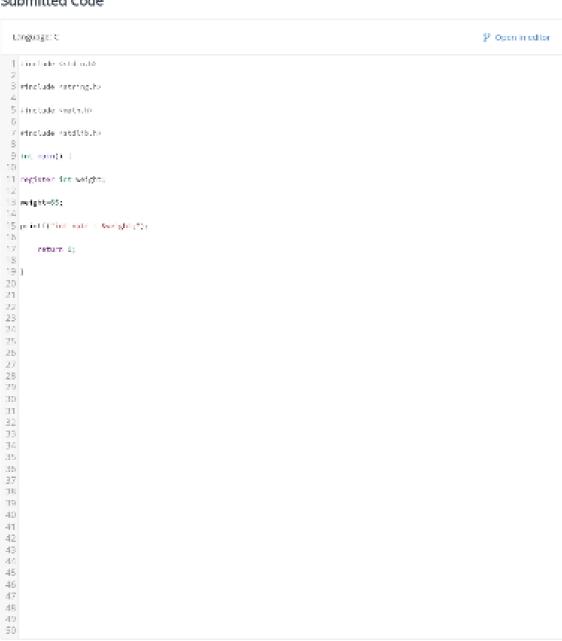
HI HackerRank

```
Language: C
                                                                                                                                     P. Open in editor.
 1 a include each inclu-
 3 made()
 5.4
 \mathbb{Z} int. 1,n;
11 scanf("ad",01);
18 printr("Factors between 1 and 100 are: ");
14
15 for (i. tyis 100; i++).
17 (
19 (f)(axime)
20
21 printf("%d\t",1);
22
23 I
25 \text{ printf}(\text{"}(n^*));
27 return 0;
29 ]
30
31
32
33
34
35
35
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
60
```

All Contacts 3: CSE PSP LAB PROGRAMS 3: SRIT_Illustrate the use of register variables

SRIT_Illustrate the use of register variables





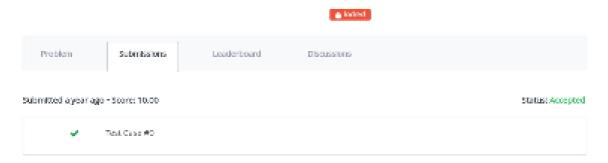
All Contests 3: CSE PSP LAB PROGRAMS 3: SRIT_printing stars 1.

SRIT_printing stars 1 Problem Submissions Leaderboard Discussions Submitted a year ago - Score: 10.00 Status: Accepted

```
\mathsf{Language} \colon \mathsf{C}
                                                                                                                                         P. Open in editor
1 Ainclude/StdTe.hit
  S int main().
 5 1
  7 \text{ int } n, j, d, n(m);
13 for(190;for;fee).
15.4
16
18
19 seed (*****,$****);
20
21.3
22
23 for(1-6;fvir;file).
24
25 f
28
27 \ \mathsf{for}(\mathsf{jel};\mathsf{jen}[f];\mathsf{jen}[f];\mathsf{jen})
28
29.4
30
31 print("");
32
33 1
34
\exists S \ printf("(n^n));
36
37 1
39.3
40
41
42
43
44
45
45
47
```

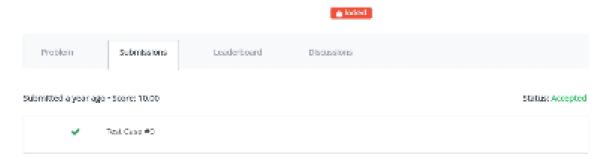
SRIT_display the elements of an Array in reverse order

All Contests > CSE PSP LAB PROGRAMS > SRIT_display the elements of an Array in reverse order





SRIT_sorts the strings using array of pointers



```
Submitted Code
  Language: C
                                                                                                                    P. Open in editor
  1 Limbade syttlinds
  B stinctude ketning.htm
  5 Africtude Keath, to
  7 #finclude ratditibuh)
  9 Int. rain().
11 (
 13 cher * temp;
 15 int is justiff, non-strings;
17 char = str#rrsy[19];
 19 printf("enser the number of strings: ");
21 akanf(%f,inum_acrings);
28 printf("We's", now strings);
25 if(nat_stringself)
26
27 4
 29 printf("Sorry, maximum strings allowed in 24. Defaulting.", 20);
31 num_etrings =10;
33 1
35 for(d=0;f<nun_atrings;d)()
37 1
39 priesf("Woder storing add ".del);
40.
41 str#rray(1) *(cher *) melloc(10 *sizeoficher));
48 seemf (**** , vt : Array (**) ) ;
45
        printf(fin)n^{n}, atcheros(fi));
46
47 (
48
49 printf("Defore Sorting(n");
51
       . For ( ), By Director is the length \rho \left( -h\right)
53 (
55 prinkf("%s\n", strArraylill);
57.1
59 sort(strArray,num strings);
```

```
3 #include <string.h>
 5 #include <math.h>
 7 #include <stdlib.h>
 9 int main()
10
11 {
15 int i, j, diff, num_strings;
16
17 char * strArray[10];
18
19 printf("Enter the number of strings: ");
20
21 scanf("%d",&num_strings);
22
23 printf("%d\n",num_strings);
25 if(num_strings>10)
26
27 {
28
29 printf("Sorry, maximum strings allowed is %d. Defaulting.",10);
30
31 num_strings =10;
32
33 }
34
35 for(i=0;i<num_strings;i++)
36
37 {
38
39 printf("Enter string %d: ",i+1);
40
41 strArray[i] =(char *) malloc(10 *sizeof(char));
42
43 scanf("%s",strArray[i]);
44
45
       printf("%s\n",strArray[i]);
46
47 }
48
49 printf("Before Sorting\n");
50
51
       for(i=0;i<num_strings;i++)
52
53 {
54
55 printf("%s\n",strArray[i]);
56
57 }
58
59 sort(strArray,num_strings);
60
61 printf("After Sorting\n");
63 for (i = 0; i < num_strings ;i++) {
64
65 printf("%s\n",strArray[i]);
66
67 }
68
69 }
70
71 void sort(char *s[],int num_strings)
72
73 {
75 char* temp;
77 int item,i;
79 for(item =0; item < num_strings; item++)
80
81 {
82
83 temp =s[item];
85 for(i=item;i > 0 && strcasecmp(s[i -1],temp)>0;i--);
86
87 {
88
89 memmove(&s[i + 1],&s[i],(item-i) * sizeof(char *));
90
91 s[i] =temp;
92
93 }
94
95 }
96
97
       return 0;
98
99 }
```

All Contests > CSE PSP LAB PROGRAMS > SRIT_MATRICES ADDITION

SRIT_MATRICES ADDITION



```
Language: C
                                                                                                                    P. Open in editor.
 1 Winstade Katdio.62
 3 Windlude Astring.htm
 5 # instacle Knathabi
 7 minclade conflits.by
 9 int matric).
13 int a[10][10], b[10][10], m, m, p, q;
15 scentificated, Am., Ant;
17 reed(a, n, n);
19 sent("West", Ap. Aq()
21 read(b, p, q);
23 display(s, s, n);
24
25 \text{ display(b, p, q)}_{3}
27 if(n == p && n == q)
23
29 4
30
31 sidirionofisometricos(z, b, m, n);
32
33 1
34.
35 61.00
36
37 4
38
39.3
60
41.3
43 wold read(int a(10)[10],int \times,int \gamma)
44
45 4
46
47 101 1/11
dS \cdot for (1996; 1486; 144)
50
53 for (intriky) (++).
54.
55 4
56
57 scott***,&df(H,H);
\mathbb{Q}[0]
59.3
60
61.1
62
63.3
64
65 world display(int all@lill0 ,int a,int y)
```

```
9 int main()
 10
 11 {
 13 int a[10][10], b[10][10], m, n, p, q;
 15 scanf("%d%d", &m, &n);
 17 read(a, m, n);
 18
 19 scanf("%d%d", &p, &q);
 20
 21 read(b, p, q);
22
 23 display(a, m, n);
24
 25 display(b, p, q);
 26
 27 if(m == p && n == q)
 28
 29 {
 30
 31 additionOfTwoMatrices(a, b, m, n);
 32
33 }
34
 35 else
 36
 37 {
 38
 39 }
 40
 41 }
 43 void read(int a[10][10],int x,int y)
 44
45 {
 46
47 int i,j;
48
 49 for(i=0;i<x;i++)
 50
 51 {
 53 for(j=0;j<y;j++)
 55 {
 56
 57 scanf("%d",&a[i][j]);
58
59 }
 60
 61 }
 62
 63 }
 65 void display(int a[10][10],int x,int y)
 67 {
 68
 69 int i,j;
 70
71 for(i=0;i<x;i++)
 72
73 {
74
 75 for(j=0;j<y;j++)
 76
 77 {
 78
 79 }
 80
 81 }
 82
 83 }void additionOfTwoMatrices(int a[10][10],int b[10][10],int x,int y)
 84
 85 {
 86
 87 int i,j,c[10][10];
 88
 89 printf("Addition of two matrices is\n");
 91 for(i=0;i<x;i++)
 92
93 {
 94
 95 for(j=0;j<y;j++)
96
97 {
 98
 99 c[i][j]=a[i][j]+b[i][j];
100
101 printf("%d ",c[i][j]);
103 }
105 printf("\n");
106
107 }
108
109 }
```

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SRIT_MATRIX MULTIPLICATION

Problem Submissions Leaderboard Discussions Submitted a year ago • Score: 10.00 Status: Accepted Test Case #0

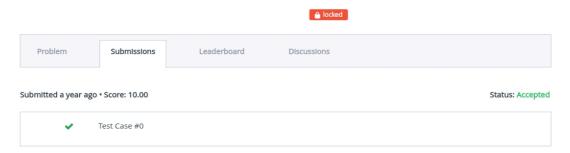
Q Search D D D

```
Language: C
                                                                                                             P Open in editor
1 #include <stdio.h>
 3 #include <string.h>
 5 #include <math.h>
 7 #include <stdlib.h>
11 {
13 int i, j, k, m, n, p, q;
15 int a[5][5], b[5][5], c[5][5];
17 scanf("%d %d", &m, &n);
19 for (i=0;i<m;i++)
20
21 {
23 for (j=0;j<n;j++)
25 {
26
27 scanf("%d", &a[i][j]);
28
29 }
31 }
33 scanf("%d %d", &p, &q);
36
37 {
38
39 for (j=0;j<q;j++)
40
41 {
43 scanf("%d", &b[i][j]);
45 }
46
47 }
49 for(i=0;i<m;i++)
50
51 {
52
53 for(j=0;j<n;j++)
55 {
56
57 }
59 }
61 for(i=0;i<p;i++)
63 {
64
65 for(j=0;j<q;j++)
66
67 {
68
69 }
```

```
35 for (i=0;i<p;i++)
 36
37 {
 38
 39 for (j=0;j<q;j++)
 40
 41 {
 42
 43 scanf("%d", &b[i][j]);
 45 }
 46
 47 }
 48
 49 for(i=0;i<m;i++)
 50
 51 {
 52
 53 for(j=0;j<n;j++)
 55 {
 56
 57 }
 58
 59 }
 60
 61 for(i=0;i<p;i++)
 62
 63 {
 64
 65 for(j=0;j<q;j++)
 66
 67 {
 68
 69 }
 70
 71 }
 73 if((n=p))
 74
 75 {
76
 77 for(i=0;i<m;i++)
 78
 79 {
 80
 81 for(j=0;j<q;j++)
 83 {
 84
 85 c[i][j] = 0 ;
 86
 87 for (k=0;k<p;k++){
 88
 89 c[i][j] =c[i][j]+a[i][k]*b[k][j] ;
 90
 91 }
 92
 93 }
 94
 95 }
 97 printf("Multiplication of two matrices is\n");
 98
 99 for(i=0;i<m;i++)
100
101 {
103 for(j=0;j<q;j++)
104
105 {
106
107 printf("%d ",c[i][j]);
108
109 }
110
111 printf("\n");
112
113 }
114
115 } else
116
117 {
119 printf("Multiplication is not possible\n");
120
121 }
122
123 }
124
125
126
128
129
130
131
```

Prepare Certify Compete

SRIT_Sort elements using



Apply

Q Search D D D

Submitted Code

H HackerRank

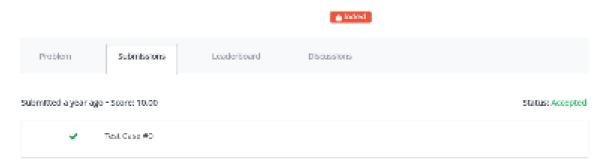
Insertion Sort



All Contents 3: CSE PSP LAB PROGRAMS 3: SRIT_Sort given elements using Quick sort

Prepare Certify Compete Apply

SRIT_Sort given elements using Quick sort



□ Q

Submitted Code

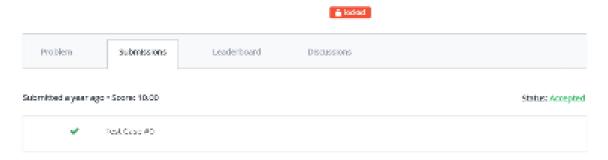
HI HackerRank

```
Language: C
                                                                                                                      {\cal P} Open in editor
 1 Limbade Syttlinsby
 B stinctude ketning.htm
 5 Ainstude Knathubic
 7 Windlude Katditibuh)
 9 void inscriber sort(int II, int):
11 void read(int [], int);
 18 void display(int (), int);
15 int min().
17 {
19 ins a[20], as
21 aconf(%d*, 4n);
28 rest(a, n);
25 printf("Mefore sorting the elements are : ");
26
27 \text{ display(a, n);}
29 invertion, and (a_1, a_2)
31 printf("After sorting the elements are : ");
33 display(a, r):
34
35 3
35
37 word inscrition sort(int all, int o)
39 (
40
41 int 1,1,k;
48 for(i trisories)
44
45 {
46
47 k-of (1)
48
40 jet 1;
91 \cdot \mathsf{white}(j \ge \mathsf{esser}(j \mid 2k))
53 {
55 elf 1 Helf1;
57 j j-10
58
59 1
60
```

```
1 #include <stdio.h>
 3 #include <string.h>
 5 #include <math.h>
 6
7 #include <stdlib.h>
 9 void insertion_sort(int [], int);
11 void read(int [], int);
13 void display(int [], int);
15 int main()
16
17 {
18
19 int a[20], n;
20
21 scanf("%d", &n);
23 read(a, n);
25 printf("Before sorting the elements are : ");
26
27 display(a, n);
28
29 insertion_sort(a, n);
30
31 printf("After sorting the elements are : ");
32
33 display(a, n);
34
35 }
36
37 void insertion_sort(int a[],int n)
38
39 {
40
41 int i,j,k;
42
43 for(i=1;i<n;i++)
44
45 {
46
47 k=a[i];
48
49 j=i-1;
51 while(j>=0&&a[j]>k)
52
53 {
54
55 a[j+1]=a[j];
56
57 j=j-1;
58
59 }
60
61 a[j+1]=k;
63 }
64
65 }
66
67 void read(int a[],int n)
68
69 {
70
71 int i;
73 for(i=0;i<n;i++)
75 scanf("%d",&a[i]);
76
77 }
78
79 void display(int a[],int n)
80
81 {
82
83 int i;
85 for(i=0;i<n;i++)
87 printf("%d ",a[i]);
89 printf("\n");
90
91 }
92
93
94
95
96
97
```

All Contests 3: CSE PSP LAB PROGRAMS 3: SRIT_Sort the elements using Selection Sort - Largest element method.

SRIT_Sort the elements using Selection Sort - Largest element method

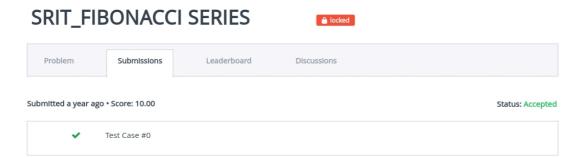


```
Language: C
                                                                                                                If open niedtor
1 #include 4stdfo.ha
3 Absolute Astring-55
 S #include coath.ht
 7 Wind Lode Ry Ld Lib. 42
 9 would display(inc.(), inc);
11 void quickSort(int [], int, int);
12.
13 int main()
14
15 (
17 int arr [18], i, m;
19 meanf("No", An);
21 for (1-6; (4q; (11))
22
23 (
24
25 acenf("%0", 4err[1]);
28 printf("defore secting the elements in the array and/o");
31 disabay(arr, m);
33 guidesort(arr, 0, n - 1);
35 printf("After serting the elements in the array areas");
37 display(acc, n);
33
39.3
41 int i, j, temp, pivo it, tell, right;
48 world display(int all51, int n)
45 1
46
47 for(190;1km;1++)
48
49.4
51 printf("value of a[2d] = ".f);
55 printf("Md ",a(1));
55 product(*\e^*);
98
57.7
59.)
NI world quickSort(int a[15], int low, int high)
```

```
24
 25 scanf("%d", &arr[i]);
26
27 }
 28
 29 printf("Before sorting the elements in the array are\n");
 30
 31 display(arr, n);
 32
 33 quickSort(arr, 0, n - 1);
 35 printf("After sorting the elements in the array are\n");
 36
 37 display(arr, n);
 38 39 }
 40
 41 int i,j,temp,pivolt,left,right;
 42
 43 void display(int a[15], int n)
 44
 45 {
 46
 47 for(i=0;i<n;i++)
 48
 49 {
 51 printf("Value of a[%d] = ",i);
 53 printf("%d ",a[i]);
 54
 55 printf("\n");
 56
 57 }
 58
 59 }
 60
 61 void quickSort(int a[15], int low, int high)
 63 {
 64
 65 left=low;
 66
 67 right=high;
 68
 69 pivolt=a[(low+high)/2];
 70
 71 do
 72
73 {
 74
 75 while(a[left]<pivolt)
 76
 77 left++;
 78
 79 while(a[right]>pivolt)
 80
 81 right--;
 82
 83 if(left<=right)
 85 {
 86
 87 temp=a[left];
 88
 89 a[left]=a[right];
 90
 91 a[right]=temp;
 92
 93 right--;
 95 left++;
 97 }
 98
99 }
100
101 while(left<=right);</pre>
103 if(low<right)
104
105 quickSort(a,low,right);
106
107 if(left<high)
108
109 quickSort(a,left,high);
110
111 }
112
113
114
115
116
117
118
119
```

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All Contests > CSE PSP LAB PROGRAMS > SRIT_FIBONACCI SERIES



Q Search D D D

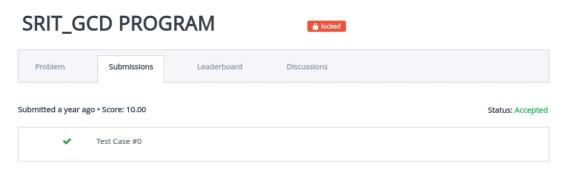
Submitted Code

HI HackerRank

```
P Open in editor
 Language: C
 1 #include <stdio.h>
 3 #include <string.h>
 5 #include <math.h>
 6 7 #include <stdlib.h>
 9 int main()
10
11 {
13 int a=0,b=1,n,c,i;
15 scanf("%d",&n);
16
17 printf("fibonacci series is :");
18
19 printf("%d %d ",a,b);
20
21 for(i=3;i<=n;i++)
22
23 {
27 printf("%d ",c);
29 a=b;
30
31 b=c;
32
33 }
35 return 0;
39
40
41
42
43
44
```

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All Contests > CSE PSP LAB PROGRAMS > SRIT_GCD PROGRAM

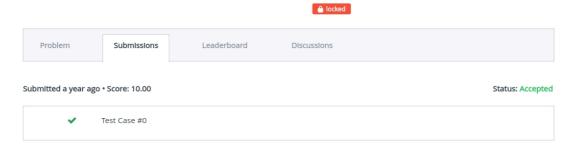


Q Search D D

```
Language: C
                                                                                                                                      P Open in editor
 1 #include <stdio.h>
 2
3 int main()
 4
5 {
6
7
8
        int n1, n2;
 10
        scanf("%d %d",&n1,&n2);
14
15
        n1 = ( n1 > 0) ? n1 : -n1;
16
17
18
19
20
21
22
23
24
25
26
        n2 = ( n2 > 0) ? n2 : -n2;
         while(n1!=n2)
            if(n1 > n2)
27
28
29
30
31
32
33
34
              n1 -= n2;
           else
                 n2 -= n1;
35
36
        printf("GCD of 6 and 8 is :%d",n1);
37
38
39 }
40
41
42
43
44
45
46
47
```

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SRIT_TRANSPOSE OF A MATRIX



Q Search D D D

```
Language: C
                                                                                                               P Open in editor
 1 #include <stdio.h>
 3 #include <string.h>
 5 #include <math.h>
 7 #include <stdlib.h>
12
13
      int a[10][10],i,j,m,n;
14
     scanf("%d %d",&m,&n);
16
17
18
     printf("Before Transposing:\n");
19
      for(i=0;i<m;i++)
20
23 for(j=0;j<n;j++)
25
26
27
            scanf(<mark>"%d</mark>",&a[i][j]);
28
            printf("%d ",a[i][j]);
30
31
32
          printf("\n");
37
       printf("After Transposing:\n");
38
39
40
       for(i=0;i<n;i++)
41 42
43
          for(j=0;j<m;j++)
            printf("%d ",a[j][i]);
49
50
51
52
53
54
           printf("\n");
55
       return 0;
56
57 }
58
60
61
62
63
64
65
```