File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug

shnzq.cpp

```c
1   #include <stdio.h>
2   #include <string.h>
3
4   int main() {
5       printf("192210249-sudheer reddy");
6       char str1[100], str2[100];
7
8       printf("Enter the first string: ");
9       fgets(str1, 100, stdin);
10
11      printf("Enter the second string: ");
12      fgets(str2, 100, stdin);
13
14      str1[strcspn(str1, "\n")] = '\0';
15      str2[strcspn(str2, "\n")] = '\0';
16
17      strcat(str1, str2);
18
19      printf("Concatenated string = %s", str1);
20
21      return 0;
22  }
23
```

E:\shnzq.exe

```
192210249-sudheer reddyEnter the first string: sanfoundry
Enter the second string: programming
Concatenated string = sanfoundryprogramming
----------------------------------
Process exited after 14.44 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: E:\shnzq.exe
- Output Size: 129.4443359375 KiB
- Compilation Time: 0.27s
```

```c
#include <stdio.h>
int main() {
    int n;
    double arr[100];
    printf("192210249-sudheer");
    public int __cdecl printf (const char * __restrict__ _Format,
    scanf("%d", &n);

    for (int i = 0; i < n; ++i) {
        printf("Enter number%d: ", i + 1);
        scanf("%lf", &arr[i]);
    }


    for (int i = 1; i < n; ++i) {
        if (arr[0] < arr[i]) {
            arr[0] = arr[i];
        }
    }

    printf("Largest element = %.2lf", arr[0]);

    return 0;
}
```

```
C:\Users\student\Documents\2.exe

192210249-sudheerEnter the number of elements (1 to 100): 3
Enter number1: 25
Enter number2: 45
Enter number3: 10
Largest element = 45.00
---------------------------------
Process exited after 4.717 seconds with return value 0
Press any key to continue . . .
```

```c
#include <stdio.h>

int main() {
    int n, i, arr[100];

    int largest, second_largest, smallest, second_smallest;
    printf("192210249-sudheer");
    public int __cdecl printf (const char * __restrict__ _Format, ...)
    scanf("%d", &n);

    printf("Enter the elements of the array:\n");
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    largest = second_largest = arr[0];
    smallest = second_smallest = arr[0];

    for(i = 1; i < n; i++) {
        if(arr[i] > largest) {
            second_largest = largest;
            largest = arr[i];
        } else if(arr[i] > second_largest && arr[i] != largest) {
            second_largest = arr[i];
        }

        if(arr[i] < smallest) {
            second_smallest = smallest;
            smallest = arr[i];
        } else if(arr[i] < second_smallest && arr[i] != smallest) {
```

C:\Users\student\Documents\day2.2.exe

```
192210249-sudheerEnter the number of elements in the array: 2
Enter the elements of the array:
10
25
The largest element is: 25
The second largest element is: 10
The smallest element is: 10
The second smallest element is: 10

------------------------------------
Process exited after 4.042 seconds with return value 0
Press any key to continue . . .
```

```c
1   #include<stdio.h>
2   #include<conio.h>
3   int main()
4   {
5       int arr[10], i;
6       printf("192210249-sudheer");
7       public int __cdecl printf (const char * __restrict__ _Format, ...)
8       for(i=0; i<10; i++)
9           scanf("%d", &arr[i]);
10      printf("\nOdd Array elements are:\n");
11      for(i=0; i<10; i++)
12      {
13          if(arr[i]%2!=0)
14          {
15              printf("%d ", arr[i]);
16          }
17      }
18      getch();
19      return 0;
20  }
```

```
192210249-sudheerEnter any 10 array elements: 5
10
20
30
45
55
65
40
75
25

Odd Array elements are:
5 45 55 65 75 25
```

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```c
#include <stdio.h>
#define MAX_SIZE 100

int main()
{
    int arr[MAX_SIZE];
    printf("192210249-sudheer");
    public int __cdecl printf (const char * __restrict__ _Format, ...)


    printf("Enter size of the array : ");
    scanf("%d", &size);
    printf("Enter elements in array : ");
    for(i=0; i<size; i++)
    {
        scanf("%d", &arr[i]);
    }



    printf("Enter the element position to delete : ");
    scanf("%d", &pos);



    if(pos < 0 || pos > size)
    {
        printf("Invalid position! Please enter position between 1 to %d", size);
    }
    else
    {
```

Console output:

```
C:\Users\student\Documents\day2.4.exe

192210249-sudheerEnter size of the array : 2
Enter elements in array : 2
4
Enter the element position to delete : 1

Elements of array after delete are : 4
------------------------------------
Process exited after 5.17 seconds with return value 0
Press any key to continue . . .
```

```c
    int arr[100], n, i, j, k;
    printf("192210249-sudheer");

    printf("Enter the size of the array: ");
    scanf("%d", &n);

    printf("Enter the elements of the array: ");
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    for (i = 0; i < n; i++) {
        for (j = i+1; j < n;) {
            if (arr[j] == arr[i]) {
                for (k = j; k < n; k++) {
                    arr[k] = arr[k+1];
                }
                n--;
            }
            else {
                j++;
            }
        }
    }

    printf("Array after removing duplicates: ");
    for (i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }
```

```
192210249-sudheerEnter the size of the array: 2
Enter the elements of the array: 16
25
Array after removing duplicates: 16 25
---------------------------------
Process exited after 4.933 seconds with return value 0
Press any key to continue . . . _
```

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug   [*] 1+2-3+4-5.cpp   6th question.cpp   7th question.cpp   8 question.cpp   9 question.cpp   Untitled5

```c
#include <stdio.h>

int main() {
    int arr[100], reversedArr[100];
    int n, i, j;
    printf("192210249-sudheer");
    printf("Enter the number of elements in the array: ")
    scanf("%d", &n);

    printf("Enter the elements of the array:\n");
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    // reverse the array
    for (i = n - 1, j = 0; i >= 0; i--, j++) {
        reversedArr[j] = arr[i];
    }

    printf("Reversed array:\n");
    for (i = 0; i < n; i++) {
        printf("%d ", reversedArr[i]);
    }

    // check if the original and reversed arrays are equal
    int palindrome = 1;
```

C:\Users\Student\Documents\6th question.exe

```
192210249-sudheerEnter the number of elements in th
Enter the elements of the array:
1
2
3
Reversed array:
3 2 1
Not a palindrome array

--------------------------------
Process exited after 4.771 seconds with return valu
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Student\Documents\6th question.exe
- Output Size: 150.5068359375 KiB
- Compilation Time: 0.13s
```

ine: 6   Col: 30   Sel: 0   Lines: 42   Length: 966   Insert   Done parsing in 0 seconds

Type here to search

13:17
ENG
29-03-2023

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(globals)

Project Classes Debug [*] 1+2-3+4-5.cpp 6th question.cpp [*] 7th question.cpp 9 question.cpp Untitled5

```cpp
3
4
5    int main()
6  {
7        int a[1000],i,n,c=0;
8        printf("192210249-sudheer");
9        printf("Enter size of the array : ");
10       scanf("%d", &n);
11
12       printf("Enter elements in array : ");
13       for(i=0; i<n; i++)
14       {
15           scanf("%d", &a[i]);
16       }
17
18       for(i=0; i<n; i++)
19       {
20
21           if(a[i] < 0)
22           c++;
23       }
24           printf("  count  of negative numbers  in array: %d",c);
25
26
27       return 0;
28  }
```

C:\Users\Student\Documents\9 question.exe

```
192210249-sudheerEnter size of the array : 4
Enter elements in array : 1
2
3
22
   count  of negative numbers  in array: 0
-----------------------------------
Process exited after 4.417 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Student\Documents\9 question.exe
- Output Size: 149.837890625 KiB
- Compilation Time: 0.11s
```

ne: 8   Col: 13   Sel: 0   Lines: 28   Length: 478   Insert   Done parsing in 0 seconds

Type here to search

ENG 13:35 29-03-2023

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   [*] 1+2-3+4-5.cpp   6th question.cpp   7th question.cpp   8 question.cpp   9 question.cpp   Untitled5

```c
1    #include<stdio.h>
2    int main (){
3        int i,n,a[100],count=0;
4        printf("192210249-sudheer");
5        printf("enter size:");
6        scanf("%d",&n);
7        printf("enter elements\n");
8        for(i=0;i<n;i++){
9            scanf("%d",&a[i]);
10       }
11       for(i=0;i<n;i++){
12           if(a[i]==2){
13               continue;
14           }
15           else if(a[i]%2==0){
16               count++;
17           }
18       }
19           if(count>2){
20           }
21       printf("total composite number are: %d",count);
22   }
```

```
C:\Users\Student\Documents\8 question.exe

192210249-sudheerenter size:4
enter elements
1
7
4
1
total composite number are: 1
----------------------------------
Process exited after 3.379 seconds with return va
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Student\Documents\8 question.exe
- Output Size: 150.0068359375 KiB
- Compilation Time: 0.13s
```

Abort Compilation

Shorten compiler paths

ne: 4   Col: 30   Sel: 0   Lines: 22   Length: 481   Insert   Done parsing in 0 seconds

Type here to search

ENG   13:30   29-03-2023

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug   [*] 1+2-3+4-5.cpp   6th question.cpp   7th question.cpp   8 question.cpp   9 question.cpp   Untitled5

```c
1    #include <stdio.h>
2
3    int main()
4    {
5        int arr1[50], arr2[50], mergedArr[100];
6        int i, j, k, n1, n2;
7        printf("192210249-sudheer");

          public int __cdecl printf (const char * __restrict__ _Format, ...
8
9        scanf("%d", &n1);
10       printf("Enter elements of first array in sorted order:\n");
11       for(i=0; i<n1; i++)
12           scanf("%d", &arr1[i]);
13
14       printf("Enter size of second array: ");
15       scanf("%d", &n2);
16       printf("Enter elements of second array in sorted order:\n");
17       for(i=0; i<n2; i++)
18           scanf("%d", &arr2[i]);
19
20       i=0, j=0, k=0;
21       while(i<n1 && j<n2)
22       {
23           if(arr1[i] < arr2[j])
24               mergedArr[k++] = arr1[i++];
25           else
26               mergedArr[k++] = arr2[j++];
```

Select C:\Users\Student\Documents\7th question.exe

```
192210249-sudheerEnter size of first ar
Enter elements of first array in sorted
1
4
7
4
Enter size of second array: 1
Enter elements of second array in sorte

4

Merged array in sorted order:
1 4 4 7 4
--------------------------------
Process exited after 8.963 seconds with
Press any key to continue . . . _
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Student\Documents\7th question.exe
- Output Size: 151.0068359375 KiB
- Compilation Time: 0.13s
```

ine: 7   Col: 30   Sel: 0   Lines: 41   Length: 964   Insert   Done parsing in 0 seconds

Type here to search

ENG   13:23   29-03-2023

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File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

sudheer soumil 3.cpp

```c
1   #include <stdio.h>
2   #include <string.h>
3
4   int main() {
5       char first[100], second[100], result[100];
6       int i, j, k = 0, flag;
7
8       printf("Enter the first string: ");
9       printf("192210249 sudheer");
10      scanf("%s", first);
11
12      printf("Enter the second string: ");
13      scanf("%s", second);
14
15      for (i = 0; i < strlen(second); i++) {
16          flag = 0;
17          for (j = 0; j < strlen(first); j++) {
18              if (second[i] == first[j]) {
19                  flag = 1;
20                  break;
21              }
22          }
23          if (flag == 0) {
24              result[k] = second[i];
25              k++;
26          }
```

C:\Users\student\Desktop\sudheer soumil 3.exe

```
Enter the second string: "COMPUTER"

The second string after removing the characters present in the first string:
CUTE
------------------------------------------------
Process exited after 18.71 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\student\Desktop\sudheer soumil 3.ex
- Output Size: 128.6220703125 KiB
- Compilation Time: 0.11s
```

Scanned with OKEN Scanner

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

soumil1.cpp soumil1.exe

```
5        int i = 0, flag = 0;
6
7        printf("Enter first string: ");
8        printf("192210249 sudheer");
9        public int __cdecl printf (const char * __restrict__ _Format, ...)
10
11       printf("Enter second string: ");
12       scanf("%s", str2);
13
14       while (str1[i] != '\0' || str2[i] != '\0') {
15           if (str1[i] != str2[i]) {
16               flag = 1;
17               break;
18           }
19           i++;
20       }
21
22       if (flag == 0)
23           printf("Strings are equal.\n");
24       else
25           printf("Strings are not equal.\n");
26
27       return 0;
28   }
29
```

C:\Users\student\Documents\daa c++\soumil1.exe

```
Enter first string: 192210249 sudheer"megam"
Enter second string: megam"
Strings are not equal.

----------------------------------
Process exited after 13.97 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\student\Documents\daa c++\soumil1.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.13s

☐ Shorten compiler paths

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

TDM-GCC 4.9.2 64-bit Release

Project   Classes   Debug

sudheer soumil2.cpp

```c
1    #include <stdio.h>
2    #include <string.h>
3
4    int main()
5    {
6        char str[100];
7        int i, len, flag = 1;
8
9        printf("Enter a string: ");
10       printf("192210249 sudheer");
11
         public int __cdecl printf (const char * __restrict__ _Format, ...)
12
13       len = strlen(str);
14
15       for (i = 0; i < len/2; i++)
16       {
17           if (str[i] != str[len-i-1])
18           {
19               flag = 0;
20               break;
21           }
22       }
23
24       if (flag)
25           printf("%s is a Palindrome", str);
26       else
```

C:\Users\student\Desktop\sudheer soumil2.exe

```
Enter a string: 192210249 sudheer"ABEEBA"
"ABEEBA" is a Palindrome
-----------------------------------
Process exited after 9.334 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\student\Desktop\sudheer soumil2.exe
- Output Size: 128.62109375 KiB
- Compilation Time: 0.13s
```

Shorten compiler paths

```c
1    #include <stdio.h>
2
3    int main() {
4        int arr[] = { 4, 2, 8, 1, 5 };
5        printf("192210249 sudheer");
6        public int __cdecl printf (const char * __restrict__ _Format, ...)
7        int max = arr[0];
8        int min = arr[0];
9
10
11       for(int i = 1; i < n; i++) {
12
13           if(arr[i] > max) {
14               max = arr[i];
15           }
16
17           if(arr[i] < min) {
18               min = arr[i];
19           }
20       }
21
22
23       printf("Maximum value in array: %d\n", max);
24       printf("Minimum value in array: %d\n", min);
25
26       return 0;
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\student\Documents\daa c++\soumil1.exe
- Output Size: 128.431640625 KiB
- Compilation Time: 0.19s
```

C:\Users\student\Documents\daa c++\soumil1.exe

```
192210249 sudheerMaximum value in array: 8
Minimum value in array: 1

------------------------------------
Process exited after 0.01962 seconds with return value 0
Press any key to continue . . .
```

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Dasara (U/A)

Telugu, 2D
Fri, 31 Mar | 04:15 PM
EVP Cinemas: Chennai

M-Ticket

Tap for support, details & more actions

2Ticket(s)

SCREEN 4

ELITE - B18, B7

BOOKING ID: WTFCKRW

Cancellation available : cut-off time of 4 hrs
before showtime

Total Amount   Rs.472.80

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functions and to checkout discounts and
benefits available with this booking.

↻ Tap to refresh

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Scanned with OKEN Scanner

```c
#include <stdio.h>

int main() {
    printf("192210249-sudheer");
    i
    public int __cdecl printf (const char * __restrict__ _Format, ...)
    int search_element = 23;
    int i;

    for (i = 0; i < n; i++) {
        if (arr[i] == search_element) {
            printf("Given element %d is found at %d th position\n", search_element, i+1);
            break;
        }
    }

    if (i == n) {
        printf("Given element %d is not found in the array\n", search_element);
    }

    return 0;
}
```

(globals)

Project   Classes   Debug   [*] 15 question.cpp

```c
1    #include <stdio.h>
2    #include <string.h>
3
4    int main() {
5        print("192210249-sudheer")
6
7        char statement[100];
8        int count = 0, i;
9        printf("Enter a statement: ");
10       gets(statement);
11       for(i=0; statement[i]!='\0'; i++) {
12           if(statement[i]=='a' || statement[i]=='e' || statement[i]=='i' || statement[i]=='o' || statement[i]=='u' || statement[i]=='A' || statement[i]=
13               count++;
14           }
15       }
16       printf("Number of vowels = %d", count);
17       return 0;
18   }
19
```

C:\Users\user\Desktop\15 question.exe

```
Enter a statement: i am sudheer
Number of vowels = 5

-----------------------------------
Process exited after 8.86 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find

(globals)

Project   Classes   Debug   [*] 15 question.cpp   [*] 13 question.cpp

```c
#include <stdio.h>

int main() {
    printf("192210249-sudheer");
    public int __cdecl printf (const char * __restric
    printf("Enter the order of matrix:");
    scanf("%d", &n);
    printf("Enter the matrix elements:\n");
    for(i=0; i<n; i++) {
        for(j=0; j<n; j++) {
            scanf("%d", &matrix[i][j]);
        }
    }
    printf("The diagonal elements are: ");
    for(i=0; i<n; i++) {
        printf("%d ", matrix[i][i]);
        sum += matrix[i][i];
    }
    printf("\nSum of diagonal elements = %d", sum);
    return 0;
}
```

```
C:\Users\user\Desktop\13 question.exe

Enter the order of matrix: 3
Enter the matrix elements:
1
2
3
4
5
6
7
8
9
The diagonal elements are: 1 5 9
Sum of diagonal elements = 15
-----------------------------------
Process exited after 10.9 seconds with return value 0
Press any key to continue . . .
```

Scanned with OKEN Scanner

bhargav sudheer.cpp

```c
1    #include <stdio.h>
2    #include <string.h>
3
4    void reverseString(char* str) {
5        int length = strlen(str);
6        char temp;
7
8        for (int i = 0; i < length / 2; i++) {
9            temp = str[i];
10           str[i] = str[length - i - 1];
11           str[length - i - 1] = temp;
12       }
13   }
14
15   int main() {
16       char str[100];
17
18       printf("Enter a string: ");
19       printf("192210249 sudheer");
20       scanf("%s", str);
21
22       reverseString(str);
23
```
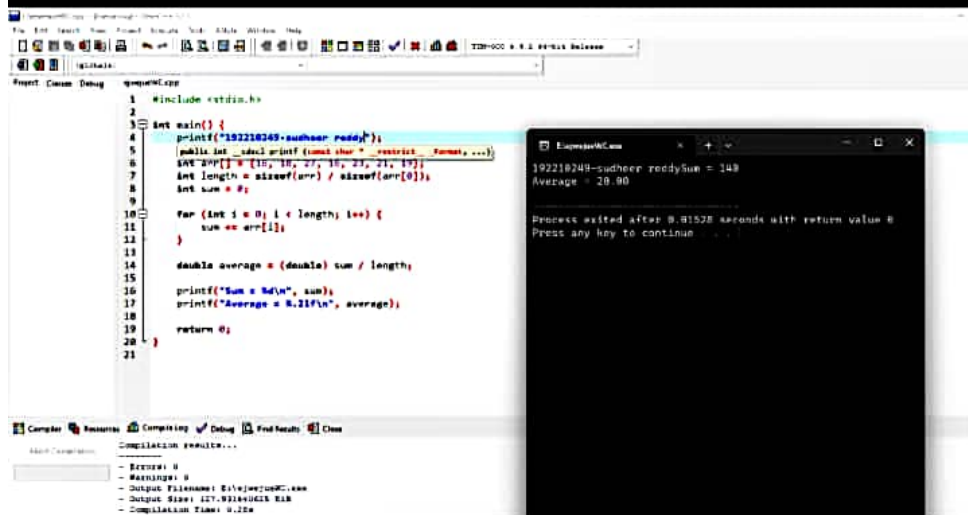
dll Compile Log ✓ Debug ℚ Find Results ❌ Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\bhargav sudhee
- Output Size: 128.658203125 KiB
- Compilation Time: 1.05s
```

C:\Users\user\Desktop\bhargav sudheer.exe

```
Enter a string: 192210249 sudheer"AEEBA"
Reversed string: "ABEEA"


--------------------------------
Process exited after 51.94 seconds with return value 0
Press any key to continue . . .
```

TDM-GCC 4.9.2 64-bit Release

```
#include <stdio.h>

int main() {
    printf("192210249-sudheer reddy");
    public int __cdecl printf (const char * __restrict__ __format, ...)
    int arr[] = {15, 18, 27, 18, 23, 21, 19};
    int length = sizeof(arr) / sizeof(arr[0]);
    int sum = 0;

    for (int i = 0; i < length; i++) {
        sum += arr[i];
    }

    double average = (double) sum / length;

    printf("Sum = %d\n", sum);
    printf("Average = %.2lf\n", average);

    return 0;
}
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: E:\ejwrjsWC.exe
- Output Size: 127.931640625 KiB
- Compilation Time: 0.28s

192210249-sudheer reddySum = 149
Average = 20.90

Process exited after 0.81528 seconds with return value 0
Press any key to continue . . .

```c
#include <stdio.h>
#include <string.h>

int main() {
    printf("192210249-sudheer reddy");
    char str1[100], str2[100];

    printf("Enter the first string: ");
    fgets(str1, 100, stdin);

    printf("Enter the second string: ");
    fgets(str2, 100, stdin);

    str1[strcspn(str1, "\n")] = '\0';
    str2[strcspn(str2, "\n")] = '\0';

    strcat(str1, str2);

    printf("Concatenated string = %s", str1);

    return 0;
}
```