Strings

ID:232-15-178

1. Write a C program to print "Daffodil" using the string

```
#include<stdio.h>
int main()
    char x[]="Daffodil";
    printf("%s\n",x);
    return 0;
## string assignment.c - Code:Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

| Partial Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

| Partial Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

| Partial Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
                                 v main() : int
                                                                                                                          V 🚨 🔌
 Management X Start here X string assignment.c X
  Projects Files FSymbols
                                    1

    ₩orkspace

                                     2
                                               #include<stdio.h>
                                               int main()
                                     3
                                             <u></u> {
                                     4
                                                       char x[]="Daffodil";
                                     5
                                                       printf("%s\n",x);
                                     6
                                     7
                                                      return 0;
                                             D:\c practice\string assignment.exe*
                                     8
                                                                                                                                                                         9
                                    10
                                                      Process returned 0 (0x0) execution time : 0.085 s
Press any key to continue.
                                   11
                                    12
                                   13
                                   14
                                   15
                           Logs & others
                            File
                                             Line
D:\c practice\string assignment.c
```

2. Write a program in C for taking a string from the user and print the string

```
#include<stdio.h>
int main()
{
  char x[50];
  scanf("%[^\n]s",x);
  //gets(x);
  printf("%s\n",x);
  return 0;
                                                                                                    ~ Q 🔌
Management X Start here X string assignment.c X
 Projects Files FSymbols
                    17
                           #include<stdio.h>

    ₩orkspace

                     18
                            int main()
                     19
                     20
                                 char x[50];
                                 scanf("%[^\n]s",x);
                     21
                     22
                                 printf("%s\n",x);
                     23
                     24
                                 return 0;
                     25
                     26
                            III "D:\c practice\string assignment.exe"
                                                                                                - □ ×
                     27
                     28
                            Process returned 0 (0x0) execution time : 2.793 s
Press any key to continue.
                     29
                     30
                     31
                Logs & others
                 D:\c practice\string assignment.c
```

3. Write a program in C for taking a string from the user and print the string.

```
#include<stdio.h>
int main()
{
     char x[50];
     scanf("%[^\n]s",x);
    //gets(x);
     printf("%s\n",x);
     return 0;
                                                                                                                                                                                                                                               The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
  ~ Q 🔌
 Management X Start here X string assignment.c X
  Projects Files FSymbols
                                                31
                                                                  #include<stdio.h>

    ₩orkspace

                                                   32
                                                                     int main()
                                                   33
                                                   34
                                                                                char x[50];
                                                                                scanf("%[^\n]s",x);
                                                   35
                                                   36
                                                   37
                                                                               printf("%s\n",x);
                                                   38
                                                                               return 0;
                                                   39
                                                   40
                                                                       "D:\c practice\string assignment.exe"
                                                                                                                                                                                                                                              41
                                                   42
                                                                      Process returned \theta (\theta x \theta) execution time : 10.548 \ s Press any key to continue.
                                                   43
                                                   44
                                                   45
                                       Logs & others
                                         D:\c practice\string assignment.c
```

4. Write a program to find the length of a string.

```
#include<stdio.h>
int main()
{
         char x[50];
         int count=0;
         scanf("%[^\n]s",x);
         //gets(x);
         for(int i=0; x[i]!='\0'; i++)
                  count++;
         printf("%d\n",count);
         return 0;
                                                                                                                                                                                                                                                                                                                                                                                                           - o ×
 File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Description of the Edit View Search Project Build Debug Fortran WxSmith Tools Tools+ Plugins Debug Fortran WxSmith Tools Tools+ Plugins Debug Fortran WxSmith Tools+
                                                                                                                                                                                                                                                                                                           ▽ | ← → | № № №
    ~ 🚨 🔌
                                       X Start here X string assignment.c X
    Projects Files FSymbols
                                                                                     44
                                                                                                                   #include<stdio.h>

    ₩orkspace

                                                                                       45
                                                                                                                     int main()
                                                                                        46
                                                                                       47
                                                                                                                                        char x[50];
                                                                                        48
                                                                                                                                        int count=0;
                                                                                                                                        scanf("%[^\n]s",x);
                                                                                         49
                                                                                         50
                                                                                                                                        //gets(x);
                                                                                         51
                                                                                                                                        for(int i=0; x[i]!='\0'; i++)
                                                                                         52
                                                                                        53
                                                                                                                                                         count++;
                                                                                         54
                                                                                         55
                                                                                                                                        printf("%d\n", count);
                                                                                         56
                                                                                                                                        return 0;
                                                                                         57
                                                                                                                             "D:\c practice\string assignment.exe"
                                                                                                                                                                                                                                                                                                                                                                                                                        58
                                                                                                                            Process returned 0 (0x0) execution time : 1.643 s
Press any key to continue.
                                                                  Logs & others
                                                                     ¹ 📝 Code::Blocks × 🔍 Sear
 D:\c practice\string assignment.c
```

5. Write a program to compare two strings.

```
#include<stdio.h>
int main()
  char str1[20], str2[20];
  int count=0,i;
  printf("String 1:");
  gets(str1);
  //scanf("%[^\n]s",str1);
  printf("String 2:");
  gets(str2);
  //scanf("%[^\n]s",str2);
  for(i=0; str1[i]!='\0' && str2[i]!='\0'; i++)
        if(str1[i]!=str2[i])
          count=1;
          break;
  if(count==0)
     printf("Same\n");
  else
     printf("Not Same\n");
  return 0;
🖶 string assignment.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
8 1 /** *< | • 2 | ○ | • | • | • | • |
                                           ~ Q 4
Management X Start here X string assignment.c X
  Projects Files FSymbols
                        63
                               #include<stdio.h>
○ Workspace
                        64
                                int main()
                        66
                                    char str1[20],str2[20];
                        67
                                    int count=0,i;
                        68
                                    printf("String 1 :");
                        69
                                    gets(str1);
                                     //scanf("%[^\n]s",str1);
                        70
                                    printf("String 2 :");
                        71
                        72
                                    gets(str2);
                        73
                                    for(i=0; str1[i]!='\0' && str2[i]!='\0'; i++)
                        74
75
                                            if(str1[i]!=str2[i])
                        76
                        77
                                                count=1;
                         78
                                                break;
                                                          "D:\c practice\string assignment.exe"
                                    if(count==0)
                                                           rocess returned 0 (0x0) execution time : 5.756 s
Press any key to continue.
                   Logs & others
                    Code::Blocks × 🔍 Search results × 📝 Cccc × 🛟 Build log
                                     === Build file: "no target" in
                                     === Build finished: 0 error(s)
D:\c practice\string assignment.c
```

6. Write a program to copy a string to another string. Suppose you are taking a string from the user and storing that in S1[]. Then, copy the inputted string to the S2[].

```
#include<stdio.h>
int main()
  char x[20],y[20];
  printf("String 1: ");
  scanf("%[^\n]s",x);
  for(int i=0; x[i]!='\0'; i++)
     y[i]=x[i];
  printf("String 2: %s\n",y);
  return 0;
                                                                                                                  0
∨ [ ← → | № 陽 陽 N
                        ∨ main(): int
8 1 /** *< | 9 | % | 4 0 | D
                                         ~ 🖳 🔌
Management × Start here × string assignment.c ×
 Projects Files FSymbols
                       91
                             #include<stdio.h>

    ₩orkspace

                       92
                              int main()
                       93
                                  char x[20],y[20];
                       94
                                  printf("String 1: ");
scanf("%[^\n]s",x);
                                  for(int i=0; x[i]!='\0'; i++)
                       97
                       98
                       99
                                      y[i]=x[i];
                      100
                      101
                                  printf("String 2: %s\n",y);
                      102
                                  return 0;
                      103
                      104
                               "D:\c practice\string assignment.exe"
                                                                                                               105
                      106
                      107
                               Process returned 0 (0x0) execution time : 1.690 s
Press any key to continue.
                      108
                  Logs & others
                   Code::Blocks X
D:\c practice\string assignment.c
```

7. Write a program to merge two strings.

```
#include<stdio.h>
int main()
{
  char x[40],y[20];
  int i,j,count=0;
  printf("String 1: ");
  scanf("%[^\n]s",x);
  fflush(stdin);
  printf("String 1: ");
  scanf("%[^\n]s",y);
  for(i=0; x[i]!='\0'; i++)
     count++;
  for(i=0; x[i]!='\0'; i++)
     x[i+count]=y[i];
  x[i+count]='\0';
  printf("String : %s\n",x);
  return 0;
string assignment.c - Code::Blocks 20.03
                                                                                                                          0
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
                                           ▽ [ ← → | № № № №
 8 1/** *< | ⊕ 9 | % | € | ●
                                           v 🗓 🔌
              X Start here X string assignment.c
 Projects Files FSymbols
                        108
                                #include<stdio.h>
 ○ Workspace
                        109
                                int main()
                        110
                        111
                                     char x[40],y[20];
                                    int i, j, count=0;
printf("String 1: ");
scanf("%[^\n]s", x);
                        112
                        113
                        114
                        115
                                     fflush(stdin);
                                     printf("String 1: ");
                        116
                                     117
                        118
                        119
                                                                 tring 1: Hi
tring : HelloHi
                        120
                                         count++;
                        121
                                                                Process returned 0 (0x0) \, execution time : 11.421 s \, Press any key to continue.
                                     for(i=0; x[i]!='\0'; i++)
                        122
                        123
                        124
                                         x[i+count]=y[i];
                        125
                    Logs & others
                    ¹ 📝 Code::Blocks × 🔍 Search results × 📝 Cccc × 🙀 Build log × 📌 Bui
                                      === Build file: "no target" in "no proj
D:\c practice\string assignment.c
                                             C/C++
                                                     Windows (CR+LF
```

8. Write a program in C to count the number of letters and digits in a string.

```
#include<stdio.h>
int main()
{
  char str[20];
  int count=0,count1=0;
  scanf("%[^\n]s",str);
  for(int i=0; str[i]!='\0'; i++)
     if((str[i]>='a' \&\& str[i]<='z') || (str[i]>='A' \&\& str[i]<='Z'))
        count++;
     if(str[i] > = '0' \& \& str[i] < = '9')
        count1++;
  }
  printf("Letter : %d\n",count);
  printf("Digits: %d\n",count1);
  return 0;
                                                                                                                          string assignment.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
▽ | ← → | № № №
 8 % /** *< @ ? | ♡ | ⇔ | ▷
                                           V 🖳 🔌
Management X Start here X string assignment.c X
  Projects Files FSymbols
                       135
                                #include<stdio.h>
                        136
                                int main()
                        137
                        138
                                     char str[20];
                                    int count=0, count1=0;
scanf("%[^\n]s", str);
                        139
                        140
                                     for(int i=0; str[i]!='\0'; i++)
                        141
                        142
                                         if((str[i]>='a' && str[i]<='z') || (str[i]>='A' && str[i]<='Z'))</pre>
                        144
                                         if(str[i]>='0'&& str[i]<='9')</pre>
                        145
                        146
                                             count1++;
                        147
                                    printf("Letter : %d\n",count);
printf("Digits : %d\n",count1);
                        148
                        149
                                     return 0;
                        151
                                      "D:\c practice\string assignment.exe"
                                                                                                                            152
                     Process returned 0 (0x0) execution time : 1.906 s

Process any key to continue.
                     File
                                 Line
D:\c practice\string assignment.c
```

9. Write a program in C to count the number of vowels and consonants in a string.

```
#include<stdio.h>
int main()
  char str[20];
  int count=0,count1=0;
  printf("String:");
  scanf("%[^{n}]s",str);
  for(int i=0; str[i]!='\0'; i++)
    if(str[i]=='a'|| str[i]=='e'|| str[i]=='i'|| str[i]=='o'|| str[i]=='u'|| str[i]=='A'|| str[i]=='E'|| str[i]=='I'||
str[i]=='O'|| str[i]=='U')
      count++;
    else
      count1++;
  }
  printf("Vowel: %d\n",count);
  printf("Consonant : %d\n",count1);
  return 0;
   #include<stdio.h>
   int main()
         char str[20];
         int count=0, count1=0;
         printf("String : ");
         scanf("%[^\n]s",str);
         for(int i=0; str[i]!='\0'; i++)
              if(str[i]=='a'|| str[i]=='e'|| str[i]=='i'|| str[i]=='o'|| str[i
                    count++;
              else
                                                           "D:\c practice\string assignment.exe"
                                                           string : Bangladesh
                    count1++;
                                                           Vowel : 3
                                                           Consonant : 7
         printf("Vowel : %d\n",count);
        printf("Consonant: %d\n", count1); Process returned 0 (0x0) execution time: 1.908 s
         return 0;
CppCheck/Vera 🖟 Search results 🗴 🥖 Cccc 🗶 🔅 Build log 🗴 🥀 Build messages 🗴 📝 CppCheck/Vera
 Line Message
       === Build file: "no target" in "no project" (compiler: unknown)
       === Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second
```

10. Write a program to search a given character in string.

```
#include<stdio.h>
int main()
{
  int found=0;
  char x[50],ch;
  printf("String 1: ");
  scanf("%[^\n]s",x);
  fflush(stdin);
  printf("Character to be Searched: ");
  scanf("%c",&ch);
  for(int i=0; x[i]!='\0'; i++)
    if(x[i]==ch)
    found=1;
  }
  if(found==1)
    printf("Found\n");
  else
    printf("Not Found\n");
  return 0;
}
string assignment.c X
       #include<stdio.h>
       int main()
             int found=0;
             char x[50], ch;
             printf("String 1: ");
             scanf("%[^{n}s",x);
             fflush (stdin);
             printf("Character to be Searched: ");
             scanf ("%c", &ch);
                                                        "D:\c practice\string assignment.exe"
             for(int i=0; x[i]!='\0'; i++)
                                                       String 1: Premier League
                                                        Character to be Searched: r
                  if(x[i]==ch)
                  found=1;
                                                        Process returned 0 (0x0) execution time : 10.300 s
                                                        ress any key to continue.
             if (found==1)
nocks X 🔍 Search results X 📝 Coco X 💏 Ruild Inn X 🗣 Ruild messages X 📝 C
```

11. Write a program to search a given character in string

```
#include<stdio.h>
int main()
{
  int count=0,i;
  char x[50],ch;
  printf("String 1: ");
  scanf("%[^\n]s",x);
  fflush(stdin);
  printf("Character to be Searched: ");
  scanf("%c",&ch);
  for(i=0; x[i]!='\0'; i++)
    if(x[i]==ch)
      count=i;
      break;
    }
  printf("First occurrences of %c is at index %d\n",ch,count);
  return 0;
string assignment.c X
        #include<stdio.h>
5
        int main()
6
7
              int count=0,i;
8
              char x[50], ch;
9
              printf("String 1: ");
0
              scanf("%[^{n}s",x);
1
              fflush (stdin);
2
              printf("Character to be Searched: ");
3
              scanf ("%c", &ch);
4
                                                      "D:\c practice\string assignment.exe"
5
              for(i=0; x[i]!='\0'; i++)
                                                      Character to be Searched: r
6
                                                     First occurrences of r is at index 1
7
                    if(x[i]==ch)
                                                     Process returned 0 (0x0) execution time : 4.097 s
Press any key to continue.
8
9
                          count=i;
0
                          break;
```

12. Write a c program all occurrences of a given character in a string.

```
#include<stdio.h>
int main()
{
  int found=0,count=0;
  char x[50],ch;
  printf("String 1: ");
  scanf("%[^\n]s",x);
  fflush(stdin);
  printf("Character to be Searched: ");
  scanf("%c",&ch);
  for(int i=0; x[i]!='\0'; i++)
    if(x[i]==ch)
      found=1;
      count++;
    }
  }
  if(found==1)
    printf("Character r has been occurred %d times\n",count);
  else
    printf("Not Found\n");
  return 0;
 string assignment.c X
        #include<stdio.h>
0
        int main()
1
2
              int found=0, count=0;
3
              char x[50], ch;
4
              printf("String 1: ");
              scanf("%[^\n]s",x);
5
6
              fflush (stdin);
7
              printf("Character to be Searched: ");
8
              scanf ("%c", &ch);
                                                         III "D:\c practice\string assignment.exe"
9
0
              for(int i=0; x[i]!='\0'; i++)
                                                        Character to be Searched: r
1
                                                        Character r has been occurred 2 times
2
                   if(x[i]==ch)
                                                        Process returned 0 (0x0) execution time : 4.359 s
3
                                                         ress any key to continue.
4
                         found=1;
5
                         count++;
```

13. Write a c program to find whether a given string is palindrome or not.

```
#include <stdio.h>
#include <string.h>
int main()
  char x[50],y[50];
  int len,i,j,d=0;
 fflush(stdin);
  gets(x);
  len=strlen(x);
  for(j=0,i=len-1; i>=0; i--, j++)
    y[j]=x[i];
  }
  for(i=0; x[i]!='\0'; i++)
    if(x[i]==y[i])
      d=1;
  }
  if(d==0)
    printf("No\n");
  else
    printf("Yes\n");
  return 0;
tring assignment.c X
      #include <stdio.h>
      #include <string.h>
      int main()
            char x[20], y[20];
            int len,i,j,d=0;
            printf("String 1:");
            fflush (stdin);
            qets(x);
            len=strlen(x);
            for(j=0, i=len-1; i>=0; i--, j++)
                                                  "D:\c practice\string assignment.exe"
                 y[j]=x[i];
                                                  String 1:amma
            for(i=0; x[i]!='\0'; i++)
                                                 Process returned 0 (0x0) execution time : 6.438 s
                                                  Press any key to continue.
                 if(x[i]==y[i])
```

14. Write a c program that will convert a lowercase string to an uppercase string.

```
#include<stdio.h>
int main()
{
  char x[30],y[30];
  int i;
  printf("String:");
  scanf("%[^\n]s",x);
  for(i=0; x[i]!='\0'; i++)
    if(x[i] >= 'a' \&\& x[i] < 'z')
       x[i]=x[i]-32;
    }
    else if(x[i] >= 'A' && x[i] < 'Z')
       x[i]=x[i]+32;
    }
  printf("%s\n",x);
  return 0;
}
        #include<stdio.h>
        int main()
5
7
             char x[30],y[30];
3
             int i;
9
             printf("String : ");
             scanf("%[^{n}s",x);
                                                                "D:\c practice\string assignment.exe"
             for(i=0; x[i]!='\0'; i++)
2
3
                   if(x[i]>='a' && x[i]<'z')</pre>
                                                               Process returned 0 (0x0) execution time : 1.801 s
Press any key to continue.
5
                         x[i]=x[i]-32;
5
                   else if(x[i]>='A' && x[i]<'Z')</pre>
3
                         x[i]=x[i]+32;
```

15. Write a c program to find the number of words in a given string

```
#include<stdio.h>
int main()
{
  char x[50];
  int i,word=1;
  printf("string:");
  gets(x);
  for(i=0; x[i]!='\0'; i++)
    if(x[i]==' ' | | x[i]==' n' | | x[i]==' t')
      word++;
  printf("%d words",word);
  return 0;
}
       #include<stdio.h>
      int main()
            char x[50];
            int i, word=1;
            printf("string : ");
            gets(x);
            for(i=0; x[i]!='\0'; i++)
                  if(x[i]==' ' || x[i]=='\n' || x[i]=='\t')
                       word++;
                                               "D:\c practice\string assignment.exe"
            printf("%d words", word);
                                              string : I love Daffodil University
            return 0;
                                               Process returned 0 (0x0) execution time : 1.719 s
                                               ress any key to continue.
```

16. Write a program, which reads your name from the keyboard and outputs a list of ASCII codes, which represent your name.

```
#include<stdio.h>
int main()
{
 char x[30];
 int i;
 printf("String:");
 gets(x);
 for(i=0; x[i]!='\0'; i++)
   printf("%d ",x[i]);
 return 0;
string assignment.c X
          #include<stdio.h>
2.5
26
         int main()
27
8.5
                char x[30];
29
                int i;
                printf("String : ");
30
31
                gets(x);
32
                for(i=0; x[i]!='\0'; i++)
33
                      printf("%d ",x[i]);
34
35
36
                return 0;
37
38
           "D:\c practice\string assignment.exe"
39
          String : Jhon
          74 104 111 110
10
          Process returned 0 (0x0)
                                    execution time : 1.656 s
1
          Press any key to continue.
```

17. Write a program which will read a string and rewrite it in the alphabetical order.

```
#include<stdio.h>
#include<string.h>
int main()
{
  int i,j,n,ch1,ch2;
  char a[50],temp;
  printf("String: ");
  scanf("%[^\n]s",a);
  n=strlen(a);
  for(i=1; i<n; ++i)
    for(j=0; j<(n-i); ++j)
      ch1=a[j];
      ch2=a[j+1];
      if(ch1>ch2)
      {
        temp=a[j];
        a[j]=a[j+1];
        a[j+1]=temp;
      }
    }
  printf("String after arranging: %s",a);
  return 0;
}
string assignment.c X
        #include<stdio.h>
        #include<string.h>
        int main()
              int i,j,n,ch1,ch2;
             char a[50],temp;
                                                     "D:\c practice\string assignment.exe"
             printf("String: ");
             scanf("%[^{n}s",a);
                                                    String after arranging: GINRST
             n=strlen(a);
                                                    Process returned 0 (0x0) execution time : 1.672 s
Press any key to continue.
              for(i=1; i<n; ++i)</pre>
                    for(j=0; j<(n-i); ++j)</pre>
                         ch1=a[j];
                         ch2=a[j+1];
                         if (ch1>ch2)
```