JOHNSON VICTOR

18/SCI01/045

CSC 206

TOPIC: STRINGS

1.

#include <stdio.h>

#include <conio.h>

#include <string.h>

#pragma warning(disable : 4996)

extern int global\_int;

int main(){

 char s1[50] = "Department of Mathematical and Physical Sciences";

 char s2[45] = " computer programming";

 strncat(s1, s2, 8);

 printf("Source string : %s\n", s2);

 return 0;

}

ii) #include <stdio.h>

#include <conio.h>

#include <string.h>

int main(){

    char s1[50] = "Department of Mathematical and Physical Sciences";

    char s2[45] = " computer programming";

    printf("the upper case version of the string is\"%s\"\n",strupr(s2));

        getch();

    return 0;

}

(iii)

#include <stdio.h>

#include <conio.h>

#include <string.h>

int main() {

 int fact;

 char s1[50] = "Department of Mathematical and Physical Sciences";

 char s2[45] = " computer programming";

int len ;

len=strlen(s1);

 printf("Length of the first string is %d\n ",len);

 return (0);

 }

2)

1.

#include <stdio.h>

#include <conio.h>

#include <string.h>

#pragma warning(disable : 4996)

int main() {

 char Ti[50] = " I am a Member of COSSA";

 char Ta[50] = " I am also a Member of NACCOS";

 int a;

 printf("how much of the string do you want to copy ");

 scanf("%d", &a);

 strncat(Ti, Ta, a);

 printf("Source string : %s\n", Ti);

 return 0;

}

1.

#include <stdio.h>

#include <conio.h>

#include <string.h>

int main() {

 char Ti[50] = " I am a Member of COSSA";

 char Ta[50] = " I am also a Member of NACCOS";

 printf("the reverse of the second string is :%s\n", strrev(Ta));

 getch();

 return 0;

}

1.

#include <stdio.h>

#include <conio.h>

#include <string.h>

int main() {

 int fact;

 char Ti[50] = " I am a Member of COSSA";

 char Ta[50] = " I am also a Member of NACCOS";

 fact=strcmp(Ti,Ta);

 if (fact==0)

 {

 printf("both strings are equal");

 }

 else if (fact== -1)

 {

 printf("first string is lexographically smaller than the second");

 }

 else

 {

 printf("the first stringis lexographically greater than the second ");

 }

 return 0;

}

 C )

 #include <stdio.h>

 #include <conio.h>

 #include <string.h>

 #pragma warning(disable : 4996)

 int main() {

 char s1[50] = "Do you really WANT to be a gOOd Programmer?";

 char s2[45] = " then you must love programming";

 char s3[45] = "Can u join me to program";

 printf("the lower case version of the string is\"%s\"\n", strlwr(s2));

 getch();

 return 0;

 }

ii)

#include <stdio.h>

#include <conio.h>

#include <string.h>

int main() {

 int fact;

char s1[50] = "Do you really WANT to be a gOOd Programmer?";

 char s2[45] = " then you must love programming";

 char s3[45] = "Can u join me to program";

 fact=strcmp(s1,s2);

 if (fact==0)

 {

 printf("both strings are equal");

 }

 else if (fact== -1)

 {

 printf("first string is smaller than the second");

 }

 else

 {

 printf("the first stringis greater than the second ");

 }

 return 0;

}

Iii)

#include <stdio.h>

#include <string.h>

int check(char \*s,char c)

{

    int i,count=0;

     for(i=0;s[i];i++)

    {

     if(s[i]==c)

     {

          count++;

}

}

return count;

}

int main()

{

    char s[1000],c;

int count=0;

    printf("Enter  the string : ");

    gets(s);

    printf("Enter character to be searched: ");

    c=getchar();

    count=check(s,c);

    printf("character '%c' occurs %d times \n ",c,count);

return 0;

#include <stdio.h>

#include <conio.h>

#include <string.h>

#pragma warning(disable : 4996)

int main() {

 char s1[50] = "Nigeria";

 char s2[45] = " nigeria NIGERIA niger";

 int fact;

 fact = strcmp(s1,s2);

 if (fact == 0)

 {

 printf("both strings are equal");

 }

 else if (fact == -1)

 {

 printf("first string is lexographically smaller than the second");

 }

 else

 {

 printf("the first stringis lexographically greater than the second ");

 }

 return 0;

}

#include <stdio.h>

#include <conio.h>

#include <string.h>

#pragma warning(disable : 4996)

int main() {

 char s1[50] = "Nigeria";

 char s2[45] = " nigeria NIGERIA niger";

 strnset(s1,'h',6);

 printf("%s", s1);

 return 0;

}