JOHNSON VICTOR

18/SCI01/045

CSC 206

TOPIC: STRINGS



#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)



#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;

}



#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;

}



#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;

}