[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: To Write a C program for reversing a string without changing the position of special characters. (Example input:a@gh%;j and output:j@hg%;a)

[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: #include<stdio.h>

#include<iostream>

#include<conio.h>

#include<string.h>

void reverse(char \*str);

int main()

{

char str[50];

printf("Enter a string\n");

scanf("%s",str);

printf( "Input string: %s\n",str);

reverse(str);

printf("Output string:%s\n",str);

getch();

}

void reverse(char \*str)

{

int r = strlen(str) - 1, f= 0;

char t;

while (f < r)

{

if(isalnum(str[f])!=0 && isalnum(str[r])!=0)

{

t=str[r];

str[r]=str[f];

str[f]=t;

f++;

r--;

}

else if(isalnum(str[f])!=0 && isalnum(str[r])==0)

{ r--; }

else if(isalnum(str[f])==0 && isalnum(str[r])!=0)

{ f++; }

else

{

f++;

r--;

}

}

}

[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: 6th Program👇

[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: To Write a C program for Swapping of two numbers using call by value.

[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: #include <stdio.h>

void swap(int, int);

int main()

{

int x, y;

printf("Enter the value of x and y\n");

scanf("%d%d",&x,&y);

printf("Before Swapping\nx = %d\ny = %d\n", x, y);

swap(x, y);

printf("After Swapping\nx = %d\ny = %d\n", x, y);

return 0;

}

void swap(int a, int b)

{

int temp;

temp = b;

b = a;

a = temp;

printf("Values of a and b is %d %d\n",a,b);

}

[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: Write a C program to sort numbers using pass by Reference.

[1:50 pm, 26/06/2023] KCG Babymol Mam CSE: #include<stdio.h>

#include<conio.h>

void sort(int \*,int);

int main()

{

int a[20],N,i;

printf("Enter the no. of elements\n");

scanf("%d",&N);

printf("Enter the Elements one by one\n");

for(i=0;i<N;i++)

scanf("%d",&a[i]);

sort(a,N);

printf("\n Sorted Order\n");

for(i=0;i<N;i++)

printf("%d\t",a[i]);

getch();

}

void sort(int \*x,int n)

{

int t,i,j;

for(i=0;i<n-1;i++)

{

for(j=0;j<n-1;j++)

{

if(\*(x+j) > \*(x+(j+1)))

{

t=\*(x+j);

(x+j) =(x+(j+1));

\*(x+(j+1))=t;

}

}

}

}