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ROLL NO: 21006

EXPERIMENT NO:18

PROGRAM:

#include<stdio.h>

#include<conio.h>

void swapr(int \*,int \*);

void swapv(int,int);

void main()

{

int n1,n2;

clrscr();

printf("\n Enter two values:");

scanf("%d %d",&n1,&n2);

printf("\n Swapping by value:");

swapv(n1,n2);

printf("\n swapping by reference:");

swapr(&n1,&n2);

printf(" %d %d",n1,n2);

getch();

}

void swapr(int \*n1,int \*n2)

{

int temp;

temp=\*n1;

\*n1=\*n2;

\*n2=temp;

}

void swapv(int n1,int n2)

{

int temp;

temp=n1;

n1=n2;

n2=temp;

printf("%d %d",n1,n2);

}

OUTPUT:

Enter two values:2 3

Swapping by value:3 2

swapping by reference: 3 2