**Q.1 Write a Program to find the minimum number from the given 3 numbers using nested if else. Also, draw a Flowchart in your book.**

For example,

Input:

Enter a value of the first number: 8

Enter a value of the second number: 3

Enter a value of the third number: 12

Ans:

// Online C compiler to run C program online

#include <stdio.h>

void main(){

int num1,num2,num3;

printf("enter a valu of tha number1:");

scanf("%d",&num1);

printf("enter a valu of tha number2:");

scanf("%d",&num2);

printf("enter a valu of tha number3:");

scanf("%d",&num3);

if(num1 < num2){

if(num1 < num3){

printf("tha minimum valu is:%d\n",num1);

}else{

printf("tha mimimum valu is:%d\n",num3);

}

}else{

if (num2 < num3){

printf("tha minimum valu is:%d\n",num2);

}else{

printf("tha mimimum valu is:%d\n",num3);

}

}

}

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/tmp/OREC89ous8.o

enter a valu of tha number1: 8

enter a valu of tha number2: 3

enter a valu of tha number3: 12

tha minimum valu is: 3

**Q.2 Write a Program to find the maximum number from the given 4 numbers using nested if else. Also, draw a Flowchart in your book.**

For example,

Input:

Enter a value of the first number: 8

Enter a value of the second number: 3

Enter a value of the third number: 12

Enter a value of the fourth number: 7

Ans:

#include <stdio.h>

int main() {

int a,b,c,d;

printf("enter value of tha a:");

scanf("%d",&a);

printf("enter value of tha b:");

scanf("%d",&b);

printf("enter value of tha c:");

scanf("%d",&c);

printf("enter value of d:");

scanf("%d",&d);

if (a>b){

if (a>c){

if (a>d){

printf("tha maximum value is %d\n",a);

}else{

printf("tha maximum value is %d\n",d);

}

}else{

if (c>d){

printf("tha maximum value is %d\n",c);

}else{

printf("tha maximum value is %d\n",d);

}

}

}else{

if(b>c){

if(c>d){

printf("tha maximum value is %d\n",b);

}else{

printf("tha maximum value is %d\n",c);

}

}else{

if(c>d){

printf("tha maximum value is %d\n",c);

}else{

printf("tha maximum value is %d\n",d);

}

}

}

}

O\p

enter value of tha a:8

enter value of tha b:3

enter value of tha c:7

enter value of tha d:12

tha maximum value is 12