**A1 - WAP to find the middle number (by value) of given 3 numbers**

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Description:

You should read three integer from user and find the middle number

Sample Input:

Enter the Three numbers : 10 20 30

Sample Output:

The middle number 20

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#include<stdio.h>

int main()

{

int num1, num2, num3;

printf("Enter The Three numbers : "); //this is to alert the user he/she have to provide how many inputs

scanf("%d %d %d",&num1,&num2,&num3);

if(num1 > num2) //this "if" will work only when num1 is true

{

if(num1 < num3)

{

printf("The middle number is %d",num1);

}

else if(num2 > num3)

{

printf("The middle number is %d",num2);

}

else

{

printf("The middle number is %d",num3);

}

}

else if(num1 < num2) //this "else if" will work only when num2 is true and num1 is false

{

if(num1 > num3)

{

printf("The middle number is %d",num1);

}

else if(num2 < num3)

{

printf("The middle number is %d",num2);

}

else

{

printf("The middle number is %d",num3);

}

}

else //this will work when both num1 and num2 is false

{

printf("The middle number is %d",num3);

}

return 0;

}