```
int main() {
    int a, b, c, largest;
    scanf("%d %d %d", &a, &b, &c); //
Reads three integers from the user
    // Uses ternary operator to find the
largest number
    largest = a > b? (a > c ? a : c) : (b)
> c ? b : c);
    // Prints the largest number
    printf("%d eh o maior\n", largest);
    return 0;
```

In this code, the ternary operator ? : is used twice to compare the three numbers. It first compares a and b, then the result of that comparison is compared with c to find the largest number. The format is condition ? expression\_if\_true : expression\_if\_false. If the condition is true, the first expression is executed; otherwise, the second one is. This way, you can simplify the code and avoid

1013

C++17

```
SOURCE CODE
```

```
#include(stdio.h>
    int main ()
 3 +
 4
         int a,b,c,M;
         scanf("%d %d %d",&a,&b,&c);
 50
         M = (a + b + ((a - b) > 0 ? (a - b) : -(a - b))) / 2;
         M = (M + c + ((M - c) > 0 ) (M - c) : -(M - c))) / 2;
 8
         printf("%d eh o maior\n", M);
         return 0;
10
```





## Copilot

It looks like you've shared a C program snippet that finds the largest number among three integers entered by the user. The program uses the abs function to calculate the absolute value during the comparison process.

Here's a brief explanation of your code:

```
int main() {
    int a, b, c, X, Y;
    scanf("%d %d %d", &a, &b, &c); //
Reads three integers from the user

    // Finds the larger number between a
and b
    X = (a + b + abs(a - b)) / 2; // 'abs'
means absolute number

    // Finds the larger number between X
and c
    Y = (X + c + abs(X - c)) / 2;

    // Prints the largest number
    printf("%d eh o maior\n", Y);

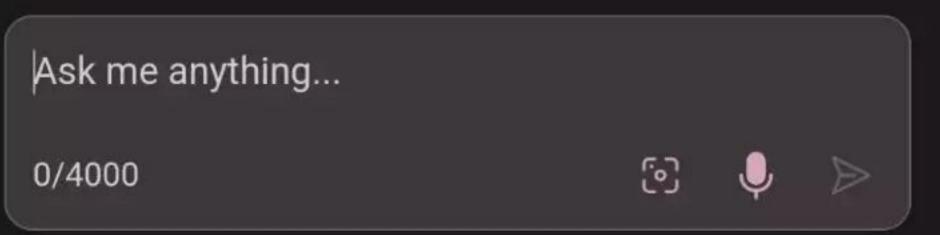
    return 0;
}
```

The comment //Abs mane hocche absolute num indicates that abs stands for absolute number, which is used here to ensure the subtraction result is non-negative. The program then determines the largest number by comparing pairs of numbers step by step.

If you have any specific questions or need further assistance with this code, feel free to ask!



? Answer from this page instead



আমি এখনো বুঝিনাই, বুঝায় দেন 2 দিয়ে ভাগ করছে কেনো 11:04 Meherab Duita value niya try koren Meherab Ans always greatest tai ashbe! Purnoshongkha niya deikhen Try করা লাগবে Why divide by 2 খাতায় করেছিলা? Eta bee crowd er prblm na? Yes Oikhane sutro te dewa ase Amr mote Abs kokhono point er moddhe max min ber Korte pare na Like 2.5 R hoilo 3.5 Max 3.5 min 2.5 Kintu abs Dile dekhabe Max 3 min 2 Point dekhabe na Abs না, এটা int এর কারণে Abs only positive count করে ♠ You replied to Joy Like 2.5 R hoilo 3.5 Max 3.5 min 2.5... So basically আমি average-ish method এ পার্থক্য করছি? ◆ Joy replied to you

Abs না, এটা int এর কারণে

Tumi float nileo same asbe