

Answer to Question #54302 - Programming - C++

Question

After you have written a C++ program that selects and displays the maximum value of five numbers to be entered when the program is executed.

(Hint: Using a for loop with both a cin and if statement inside the loop)

how can I modify the program so that it displays both the maximum value and the position in the input set of numbers where the maximum occurs.

Answer

```
#include <iostream>
using namespace std;

int main()
{
    double a[5];
    double max;
    int im=0;
    cout<<"Your numbers:"<<endl;
    for (int i=0;i<5;i++)
    {
        cin>>a[i];
        if (i==0)
        {
            max=a[i];
            im=i;
        }else if (a[i]>max)
        {
            max=a[i];
            im=i;
        }
    }
    cout<<"Max number is "<<max<<"\n\twhich have "<<im+1<<" position"<<endl;
}
```