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C++ Programming

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```
include<iostream>
using namespace std;
int main(){
    int m1[2][2]={{1,2},{4,3}};
    int sum=0,i,j;
    int row=2,col=2;
    if(row==col){
        cout<<"square matrix so proceed"\;
        for(i=0;i<row;i++){
            for(j=0;j<col;j++){
                if(m1[i]==m1[j]){
                    sum+=m1[i][j];
                }
            }
        }
        cout<<"the sum of diagonal is:"<<sum;
    }
    return 0;
}
```

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square matrix so proceed
the sum of diagonal is:4

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Kunro

```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int m1[2][2]={{1,2},{3,4}};
5     int m2[2][2]={{2,3},{5,6}};
6     int m3[2][2]={{0,0},{0,0}};
7     int i,j,row=2,col=2,sum=0;
8     for(i=0;i<row;i++){
9         for(j=0;j<col;j++){
10             m3[i][j]=m1[i][j]+m2[i][j];
11             cout<<m3[i][j]<<" ";
12         }
13     cout<<endl;
14 }
15 return 0;
16 }
```

Kunro

Your INPUT
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3 5
8 10

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```
#include<iostream>
1 using namespace std;
2 int main(){
3     int arr1[5]={1,4,2,3,6};
4     int arr2[5]={2,9,4,6,1};
5     int n1,n2,n3=n1+n2;
6     n1=sizeof(arr1)/sizeof(int);
7     n2=sizeof(arr2)/sizeof(int);
8     int arr3[n3];
9     int i,j;
10    for(i=0;i<n1;i++){
11        arr3[i]=arr1[i];
12    }
13    for(i=0;i<n1;i++){
14        arr3[i]=arr2[i];
15    }
16    for(i=0;i<n3;i++){
17        cout<<arr3[i];
18    }
19 }
20 return 0;
```



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Lia Sh
Kumar

Run Save Kumar

```
#include<iostream>
using namespace std;
int main(){
    int arr[5]={1,2,3,4,2};
    int count,i,val=2;
    for(i=0;i<5;i++){
        if(val==arr[i]){
            count++;
        }
    }
    cout<<count;
    return 0;
}
```

Your INPUT
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The image shows a computer screen with a C++ code editor open. The code is a simple program that counts the occurrences of a specific value in an array. The code is written in blue ink over the original text. The monitor also shows a desktop background with a green field and a blue sky, and a taskbar at the bottom with various icons.

C++ Programming - IDE Online C++ Compiler insert a element in array arr C program to insert an element C program to delete el

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C++ Programming

```
1;
2 if(pos > 5){
3     cout << "invalid position";
4 }
5 else{
6     for(i=pos-1;i<5-1;i++){
7         arr[i]=arr[i+1];
8     i--;
9 }
10 for(i=0;i<5-1;i++){
11     cout << arr[i] << ' ';
12 }
13 }
14 return 0;
15 }
```

invalid position

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Programming

RT Pollen

Save Kunal

```
#include<iostream>
using namespace std;
int main(){
int pos=2,n=5;
int num=10;
int arr[5]={1,2,3,4,5};
int i;
for(i=5;i>=pos;i--){
arr[i]=arr[i-1];
}
arr[pos-1]=num;
n++;
for(i=0;i<n;i++){
cout<<arr[i]<<" ";
}
return 0;
}
```

Your INPUT go's here
give like a=10

1 10 2 3 4 5

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The image shows a computer screen displaying a C++ programming interface. The title bar reads "C++ Programming IDE". The main area shows a C++ code snippet:

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int i,j,rows=5;
7     for(i=1;i<=rows;i++){
8         for(j=0;j<i;j++){
9             cout<<i;
10        }
11        cout<<endl;
12    }
13 }
```

The terminal window on the right side of the interface shows the output of the program:

```
1
22
333
4444
55555
```

C H Not secure 172.18.34.31/cpp_programs/armstrong.cpp

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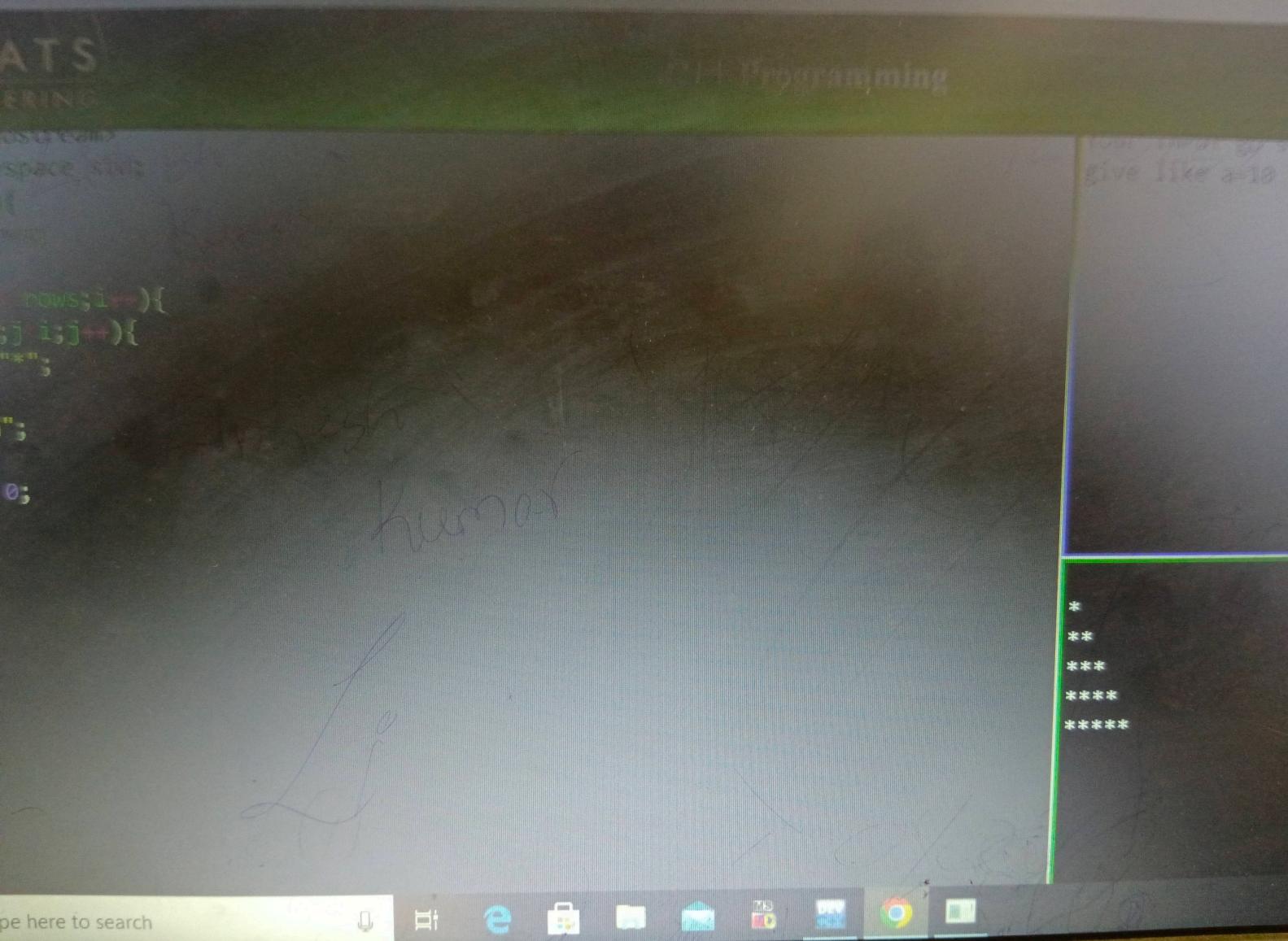
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```
using namespace std;
int main(){
    int num ,og,rem,res=0;
    cout<<num;
    while(og!=0){
        rem=og%10;
        res+=rem*rem*rem;
        og/=10;
    }
    if(res==num){
        cout<<"armstrong no";
    }
    else{
        cout<<"not armstrong no";
    }
    return 0;
}
```

your input goes
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not armstrong no

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```
#include<iostream>
using namespace std;
int main(){
    int arr[5]={1,2,3,4,2};
    int count,i,val=2;
    for(i=0;i<5;i++){
        if(val==arr[i]){
            count++;
        }
    }
    cout<<count;
    return 0;
}
```

Your INPUT go's here
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