

Answer on Question #83477, Programming & Computer Science / C++.

Task: Write a program that asks the user to enter integer numbers and store the numbers in a two dimensional array, then replace any 9 digit by 0 digit. After that replace the numbers with the odd summations indices by the even summation indices.

Solution:

```
#include<iostream>
```

```
#include<iomanip>
```

```
using namespace std;
```

```
#define N 10
```

```
int replace9 (int a)
```

```
{
```

```
    int count=0,h=1,b=a;
```

```
    while(b>0)
```

```
    {
```

```
        count++;
```

```
        if(b%10==9)
```

```
        {
```

```
            h=1;
```

```
            for( int i=1; i<count; i++) h*=10;
```

```
            a=a-9*h;
```

```
        }
```

```
        b/=10;
```

```
    }
```

```
    return a;
```

```
}
```

```
int main()
```

```
{
```

```
    int mas[N][1];
```

```
    cout<<"Please, enter "<<N<<" integer numbers\n";
```

```
    for (int i = 0; i < N; i++)
```

```
{
    cin>>mas[i][0];
}
for (int i = 0; i < N; i++)
{
    mas[i][0]=replace9(mas[i][0]);
}
for (int i = 1; i < N; i=i+2)
{
    mas[i][0]=mas[i-1][0];
}
for (int i = 0; i < N; i++)
{
    cout<<mas[i][0]<<" ";
}
system("pause");
return 0;
}
```

Answer provided by <https://www.AssignmentExpert.com>