

```

#include<iostream>

using namespace std;

float avgr(int ts[][200],int length)
{
float sum[100][200],avge=0;
    for(int i=0;i<length;i++)
    {
        for(int j=0;j<length;j++)
        {

            sum[i][j]+= ts[i][j];
            avge+=sum[i][j]/length;

        }

    }
    cout<<"average is";
    return avge;
}

int s1(int length, int ts[][200])
{
    for(int i=0;i<length;i++)
    {
        for(int j=0;j<length;j++)
        {
            cout<<ts[i][j];

        }

    }
}

```

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}
int inp(int length,int ts[][200])
{
    for(int i=0;i<length;i++)
    {
        for(int j=0;j<length;j++)
        {
            cin>>ts[i][j];
        }
    }
    cout<<s1(length,ts);
}

```

```

int main()
{
    int ts[100][200],length,avg[100];
    string
    str[100]={"johnson","aniston","cooper","gupta","blair","clark","kennedy","bronson","sunny","smith"};
    cout<<"enter total subjects"<<endl;
    cin>>length;
    cout<<"enter test score"<<endl;

    cout<<str[0]<<" "<<" ";
    cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";
    cout<<inp(length,ts);
    cout<<str[1]<<" "<<" ";
    cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";cout<<inp(length,ts);
}

```

```
cout<<str[2]<<" "<<" ";
cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";cout<<inp(length,ts);
cout<<str[3]<<" "<<" ";
cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";cout<<inp(length,ts);
cout<<str[4]<<" "<<" ";
cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";cout<<inp(length,ts);
cout<<str[5]<<" "<<" ";
cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";cout<<inp(length,ts);
cout<<str[6]<<" "<<" ";
cout<<avgr(ts,length)<<" "<<s1(length,ts)<<" \n";cout<<inp(length,ts);

return 0;
```

C:\Users\f228813\Documents\Untitled1.exe

```
enter total subjects
2
enter test score
johnson 0000average is0 0
1
2
3
4
1 vaniston 1234average is5 0
2
3
4
1 cooper 1234average is10 0
2
3
4
1 gupta 2564average is18.5 0
2
3
4
54
1 blair 35454average is51.5 0
2
3
4
54
45
1 clark 5445445average is130 0
2
3
4
534
45
1 kennedy 543453445average is463.5 0
2
3
4
1
-----
Process exited with return value 0
Press any key to continue . . .
```