

```
member.h X member.cpp X main.cpp X
1  #include "member.h"
2
3  int main()
4  {
5      member M;
6      inputData(M);
7      showData(M);
8
9      cout << "Dengan Rata-Rata Poin: " << ratarata(M) << endl;
10     return 0;
11 }
12
```

member.h X member.cpp X main.cpp X

```
1  #include "member.h"
2
3  void inputData(member &mb)
4  {
5      int k;
6      cout << "Tuliskan IDNumber: ";
7      cin >> mb.IDnumber;
8
9      k = 0 ;
10     while (k < Max)
11     {
12         cout << "Poin Bulan Ke- " << k + 1 << ": ";
13         cin >> mb.poin[k];
14         k++;
15     }
16 }
17
18 float ratarata(member mb)
19 {
20     int counter = 0, sum = 0;
21     float avg;
22     for (int i = 0; i < Max; i++)
23     {
24         sum += mb.poin[i];
25         counter++;
26     }
27     avg = float(sum) / float(counter);
28 }
29
30 void showData(member mb)
31 {
32     cout << "Data Member: " << endl;
33     cout << "IDNumber " << mb.IDnumber << endl;
34     cout << "Poin: ";
35     for (int i = 0; i < Max ; i++)
36     {
37         cout << mb.poin[i] << " ";
38     }
39     cout << endl;
40 }
41
42
```

member.h X

member.cpp X

main.cpp X

```
1  #ifndef MEMBER_H_INCLUDED
2  #define MEMBER_H_INCLUDED
3  #include <iostream>
4
5  using namespace std;
6
7
8  const int Max = 6;
9
10 struct member {
11     string IDnumber;
12     float poin[Max];
13 };
14
15 void inputData (member &mb);
16 float ratarata (member mb);
17 void showData (member mb);
18
19
20 #endif // MEMBER_H_INCLUDED
21
```

"C:\Users\glori\OneDrive\Desktop\Telkom University\Tugas Kuliah\Semester 3\Data Structures Practicum\MOD3_1302213015_SE450...

Tuliskan IDNumber: 12308879

Poin Bulan Ke- 1: 25

Poin Bulan Ke- 2: 50

Poin Bulan Ke- 3: 50

Poin Bulan Ke- 4: 25

Poin Bulan Ke- 5: 50

Poin Bulan Ke- 6: 25

Data Member:

IDNumber 12308879

Poin: 25 50 50 25 50 25

Dengan Rata-Rata Poin: 37.5

Process returned 0 (0x0) execution time : 13.130 s

Press any key to continue.