

Activities Text Editor Mar 6 16:28 assignmentNo3.cpp ~/shreya Save

```
1 #include<iostream>
2 using namespace std;
3 class avgcalculator{
4     float *num;
5     int size;
6 public:
7     avgcalculator(int n){
8         size=n;
9         num=new float[size];
10    }
11    void readnum(){
12        cout<<"enter "<<size<<"elements "<<endl;
13        for(int i=0;i<size;i++){
14            cin>>*(num+i);
15        }
16    }
17 }
18 float avg(){
19     float sum=0.0;
20     for(int i=0;i<size;i++){
21         sum+=*(num+i);
22     }
23     return sum/size;
24 }
25 };
26 int main(){
27     int n;
28     cout<<"enter the number of element:";
29     cin>>n;
30     avgcalculator calculator(n);
31
32     calculator.readnum();
33     cout<<"avgerage is:"<<calculator.avg()<<endl;
34     return 0;
35 }
```

C++ Tab Width: 8 Ln 32, Col 23 INS

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Activities Terminal
Mar 6 16:28
fe@pict-OptiPlex-3020: ~/shreya
fe@pict-OptiPlex-3020:~/shreya$ g++ assignmentNo3.cpp
fe@pict-OptiPlex-3020:~/shreya$ ./a.out
enter the number of element:5
enter 5 elements
12
13
14
15
16
avgerage is:14
fe@pict-OptiPlex-3020:~/shreya$
```