

### Source code

```
#include<iostream>
using namespace std;
int main()
{
    //declare integer variables N and sum
    //initialize sum with 0
    int N,sum=0;
    //read N
    cin>>N;
    //create an integer array of size N
    int numbers[N];
    //for loop iterate through the array
    for(int i=0;i<N;i++)
    {
        //read array element
        cin>>numbers[i];
        //add array element to sum
        sum=sum+numbers[i];
    }
    //for loop iterate through the array
    for(int i=0;i<N;i++)
    {
        //display percentage each number represents
        cout<<"\n"<<(float)numbers[i]/sum;
    }
    return 0;
}
```

### Screen shot of the code

```

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2  using namespace std;
3  int main()
4  {
5      //declare integer variablres N and sum
6      //initialize sum with 0
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8      //read N
9      cin>>N;
10     //create an integer array of size N
11     int numbers[N];
12     //for loop iterate through the array
13     for(int i=0;i<N;i++)
14     {
15         //read array element
16         cin>>numbers[i];
17         //add array element to sum
18         sum=sum+numbers[i];
19     }
20     //for loop iterate through the array
21     for(int i=0;i<N;i++)
22     {
23         //display percentage each number represents
24         cout<<"\n"<<(float)numbers[i]/sum;
25     }
26     return 0;
27 }

```

Screen shot of the output

```

2
1
3
0.25
0.75
-----
Process exited after 5.658 seconds
Press any key to continue . . .

```