

```
1  #include <stdio.h>
2
3  float data[3];    /* data to average and total */
4  float total;      /* the total of the data items */
5  float average;    /* average of the items */
6
7  int main()
8  {
9      data[0] = 34.0;
10     data[1] = 27.0;
11     data[2] = 45.0;
12
13     total = data[0] + data[1] + data[2];
14     average = total / 3.0;
15     printf("Total %f Average %f\n", total, average);
16     return 0;
17 }
```