```c
4    int main()
5    {
6        int counter =1;
7        int sum=0;
8        int grade;
9        while (counter <= 10){
10            printf("enter the grade of student #%d\n", counter);
11        scanf("%d", &grade);
12        sum +=grade;
13        counter ++; }
14        double Avg = sum/(counter-1);
15        printf("The average for all students is: %f\n", Avg);
16          return 0;
17    }
18
```