

# Practice Problem 6

## Source Code

```
C grade.c > main()
1  #include<stdio.h>
2
3  int main()
4  {
5      float phy, chem, bio, math, comp, percentage;
6      scanf("%f %f %f %f %f", &phy, &chem, &bio, &math, &comp);
7
8      percentage = (phy+chem+bio+math+comp) * .2;
9      if(percentage >= 90)
10     {
11         printf("Grade A\n");
12     }
13     else if(percentage >= 80)
14     {
15         printf("Grade B\n");
16     }
17     else if(percentage >= 70)
18     {
19         printf("Grade C\n");
20     }
21     else if(percentage >= 60)
22     {
23         printf("Grade D\n");
24     }
25     else if(percentage >= 40)
26     {
27         printf("Grade E\n");
28     }
29     else {
30         printf("Grade F\n");
31     }
32     return 0;
33 }
```

## Input & Output

```
● parvej@parvej:~/Documents/CSE 141$
84 96 92 84 96 86
Grade A
```

```
● parvej@parvej:~/Documents/CSE 141$
78 84 82 93 84 79
Grade B
```