1. A beginning student was told to create a pointer and read an int into where the pointer points. This is what they wrote:

```c
int* P;
scanf("%d", *P);
```

Explain two things wrong with this code.

2. Suppose I have a list of amounts given in the array money with count entries. Give code to print out the list to two decimal places aligned by the decimal point. The output should start like:

```
14.45
0.00
123.23
```
3. Suppose I have declared a char called apple, and that it contains an upper-case letter. Give one line of code to print out the ordinal value of the letter in apple (that is, 'A' is 1, 'B' is 2, . . . , 'Z' is 26).

4. Suppose I have declared a struct Time to store the elapsed time (e.g. in timing marathons). Give code for a function that takes two times and compares them, returning a negative value if the first time is smaller, zero if they are equal, and a positive value otherwise.

```c
typedef struct { int hours, minutes; } Time;
int compare(Time *A, Time *B) {
```