

# CS I - Numeric Programming and Libraries Homework

For this assignment you will write two small programs. Look for an email from the grader to begin.

1. Write a program that asks the user to enter a number representing an amount of money to spend. Output the number of twenty dollar bills that would be needed to cover that amount of money using the function `ceil()` from the `math` library. Here is what an example run of your program should look like:

```
Enter an amount of money: 55.75
You need 3 twenty dollar bills.
```

In order to pass the grader's tests, the second line must match exactly! The grader will *not* accept this:

```
You will need 3 $20 bills!
```

2. Write a program that asks the user to enter a number of days. Output how many weeks and days that is. Use the `floor()` function from the `math` library and modular arithmetic with the `%` operator. An example run should look like this:

```
Enter a number of days: 39
That is 5 weeks and 4 days.
```

Again, your output must match this *exactly*.