

CS 5045 – Computation for the Life Sciences Fall 2003

Homework 03

September 10, 2003

Problem 1

Write a program that reads a list of numbers (on separate lines) until end-of-input and then prints each number and the corresponding person's name from the list below

```
fred betty barney dino wilma pebbles bamm-bamm
```

If the input is 1, 3 the program will output

1. fred
3. barney

End-of-input is either end-of-file (if the numbers are read in from a file) or CTRL-D if the numbers are read in from the console.

Problem 2

Write a Perl program that reads a list of strings from a file (each string is on a separate line). The program then displays the list in reverse order.

Problem 3

Write a Perl program that reads a string from the console. The program will tell whether the string reads the same in left-to-right and right-to-left order or not.