**CS 3421 Week 7 Problems: Perl**

**1.** Using Perl, create an array of numbers 1 through 5, then print the first and third elements to stdout followed by the total number of elements in the array.

**2.** Using Perl, given an arbitrary number of arguments, print each argument that corresponds to an existing directory followed by the contents of the directory.

**3.** Using Perl, assign the first three arguments to variables $a, $b, and $c (given an arbitrary number of arguments greater than or equal to two). For each variable, print “$a = [value]” to stdout using the actual variable name and value. Also validate that *at least* three arguments are passed.

**4.** Using Perl, create a script which prompts the user for their age and calculates the year they were born and prints “You were born in [birthyear]” to stdout. Use the **date** utility with the correct format code to produce the current year.

**5.** Create a Perl script, which reads a file’s contents line by line and prints the line number of the *first occurrence* of the line “findme” (the entire line should only contain the string “findme”).