

Name _____

Quiz #3

Perl

1. What would happen if you ran the following Perl statement:

```
$phone{7187511770} = "New York Office";
```

- a. The statement is invalid; a syntax error would be reported
 - b. The program would fail because the computer's memory became full
 - c. A hash called %phone would be created, and the element called "7187511770" would be set to the text "New York Office"
 - d. A list called @phone would be created, and element 7187511770 would be set to the text "New York Office"
2. Which of these operators uses regular expressions?
- a. x
 - b. tr
 - c. eq
 - d. y
 - e. s
3. The program line @vvv=<XYZ>;
- a. Reads the whole file opened on the file handle XYZ into the list @vvv
 - b. Would cause a syntax error as you can't read a scalar into a list
 - c. Reads from the file handle XYZ into the list @vvv until all the existing elements of @vvv have been overwritten
 - d. Reads all remaining data from the file handle XYZ into the list @vvv
4. The variable \$0
- a. Is just a normal scalar variable
 - b. will cause a syntax error
 - c. Is a very small number which the system is to treat as zero when you are making comparisons
 - d. Is the pre-match string in regular expression matching
 - e. Is the name of the program you are running
5. s/(\w)\u\$1/g;
- a. Changes all letters in the string stored in the most recently used scalar variable to upper case.
 - b. Changes all lower case letters in the string stored in the variable \$_ to upper case.
 - c. Changes the first letter in the string stored in the variable \$_ to upper case.
 - d. adds \u in front of every letter or digit in the string in \$_

- e. Changes the first letter in the string stored in the most recently used scalar variable `$_` to upper case.
6. The number of elements in a list in perl is set:
- a. By the programmer as he or she writes the program
 - b. Dynamically as the program runs
 - c. As you compile your program
 - d. When the list is first referenced as your program runs
7. Who in this class spends spare time on home improvement projects:
- a. Frank Angulo
 - b. Dan Biagini
 - c. Joe Lapoint
 - d. Matt Tavares
8. For a time in the month of March, the *localtime* function will return a month of:
- a. 03
 - b. 3
 - c. March
 - d. 2
 - e. Mar
 - f. 4
9. Which of the following means "1 or more white spaces" in a regular expression match?
- a. `\s+`
 - b. `\s*`
 - c. `[\s+]`
 - d. `\S*`
 - e. `\S+`
10. In order to create an object, you would use:
- a. A special method called *new*
 - b. The *Exporter* module
 - c. The *bless* function (directly or indirectly)
 - d. Perl creates the object without any need for you to be explicit, using a facility called *autovivification*