

Club Contest Results

2012

Contest Reflections

- For problem 1 I was shocked at the number of submissions that included assembly language, the 5x bonus was a strong incentive this year.
- For those of you that implemented a solution in assembly, I would definitely bring that up in a job interview.

Contest Reflections

- Problem 2 had an interesting twist, the database war that ensued was quite entertaining, but the conclusion was unexpected. I will be giving out the awards for the "Equalizing Force" to the winner of this award.

Contest Reflections

- For problem 3, everybody forgot the most obvious, 2 is a prime, as well I had some contestants that were trying to get an extra prime number found by saying that 1 is prime, 1 is not a prime number.

Contest Reflections

- The largest sequence of prime numbers found was 19 (coincidentally these individuals forgot to add that 2 was prime, which made for a total of 19!)
- There were two separate sequences found, but the limit was still 19 primes found. For the first sequence of prime numbers found, the numbers were too large.

Contest Reflections

- The following is the second sequence of 19 prime numbers that was found.

20734679145190741, 3796633144261,
711868714549, 66737691989, 97760291,
146640437, 13747541, 10069, 59, 89, 67,
101, 19, 29, 11, 17, 13, 5, 2

Contest Reflections

- Everyone's code that had dependencies (libraries, languages, etc..) I was able to get working. However some people submitted code that did not work or had dependencies that even when satisfied still did not work.
- I tried very hard to get everyone's submission to work, even going as far as correcting your code, but I cannot obviously give you marks if I had to fix bugs in your code!

Contest Reflections

- Marking the contest submissions was incredibly tedious, especially part 1 for the most number of implementations, not to mention the large barrage of test input I had.
- I spent more of my Friday evenings marking these than I care to admit...

Contest Reflections

- Some people misunderstood what was being asked in the question.
- Usually this was minor such as wanting the sentence before the word in problem 1, or requiring an input text file, but often required me to look through your code rather than just testing it.

Contest Reflections

- Problem 4 was a very close for the most optimal solution, most contestants took a very similar approach of focusing on the length of the word and the fact that the first and last characters are not permuted rather than checking all permutations of the word.
- Solutions used different data structures such as hash tables, tries, and multi-dimensional linked lists.

Cue drum roll...

And the moment you've all been waiting for...

First Place

Pat Smuk

Second Place

Wesley Taylor

Third Place

Khalil Fazal

Honourable Mentions

Lucas Huffman

Priya Mohan

Ridhwaan Shakeel

Wes Unwin

Most Dangerous Submission

Lucas Huffman*

***Submission crashed my computer 4 times**

The Equalizer

Jason Whelan*

***Inadvertently resulted in no-one losing a point for problem 2 (you're all winners!)**