

Algorithmic Problem-Solving Testing

by Yewon Chang

inspired by Rosé and Bruno Mars’s “Apt.”

| | |
|----|------|
| 1 | pass |
| 2 | pass |
| 3 | pass |
| 4 | pass |
| 5 | pass |
| 6 | pass |
| 7 | pass |
| 8 | pass |
| 9 | pass |
| 10 | pass |
| 11 | pass |
| 12 | pass |
| 13 | pass |
| 14 | pass |
| 15 | pass |
| 16 | pass |
| 17 | pass |
| 18 | pass |
| 19 | pass |
| 20 | pass |
| 21 | pass |
| 22 | pass |
| 23 | pass |
| 24 | pass |
| 25 | pass |
| 26 | pass |
| 27 | pass |

Yewon’s favorite problems to solve, problems to solve
Problem start!

A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T, de-, de-bug, de-bug
A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T, de-, de-bug, de-bug

Deadline, deadline approaching soon, but
I'm tryna get all boxes green (de-bug, de-bug)
Gray ones, wrong ones, that's what I got, yeah
Come give me 100s that I want, now-now-now

Can’t you go green like I want it, boxes?
Don't you need green like I need it now?
Dance tomorrow, but tonight code like crazy
All you gotta do is just run all of the

A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T, de-, de-bug, de-bug
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A-P-T, A-P-T, de-, de-bug, de-bug

Seven steps that, seven steps that
Seven steps that you like (yes!)
Turn this A-P-T into a club (de-bug, de-bug)
Steps like e-xample, trans-late, test cases (try them!)
Run file, run file, girl, what's up? Bug-bug-bug

Can’t you go green like I want it, boxes?
Don't you need green like I need it now?
Dance tomorrow, but tonight code like crazy
All you gotta do is just run all of the

A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T, de-, de-bug, de-bug
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A-P-T, A-P-T, de-, de-bug, de-bug

Hey, so now you found the bug
Are you ready? 'Cause I'm comin' to solve ya, solve ya, solve ya
Hold on, hold on, full scores on the way (green, green, green, green, green)
Green, green, green, green, green, I'm on my way (green, green, green, green, green)
Hold on, hold on, full scores on the way (green, green, green, green, green)
Green, green, green, green, green, I'm on my way

| | |
|----|------|
| 28 | pass |
| 29 | pass |
| 30 | pass |
| 31 | pass |
| 32 | pass |
| 33 | pass |
| 34 | pass |
| 35 | pass |
| 36 | pass |
| 37 | pass |
| 38 | pass |
| 39 | pass |
| 40 | pass |
| 41 | pass |
| 42 | pass |
| 43 | pass |
| 44 | pass |
| 45 | pass |
| 46 | pass |
| 47 | pass |
| 48 | pass |
| 49 | pass |
| 50 | pass |
| 51 | pass |
| 52 | pass |
| 53 | pass |
| 54 | pass |

Test Results Follow (scroll to see all)

of correct: 104 out of 104

Can’t you go green like I want it, boxes?
Don't you need green like I need it now?
Dance tomorrow, but tonight code like crazy
All you gotta do is just run all of the

Test Results Follow (scroll to see all)

of correct: 7 out of 7

| | | |
|--------------|-----|----|
| laundry | 100 | 10 |
| introapt | 100 | 10 |
| bogsquare | 100 | 10 |
| cone | 100 | 10 |
| grayscale | 100 | 10 |
| gravity | 100 | 10 |
| readingscore | 100 | 10 |
| removemiddle | 100 | 10 |

A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T (just run all of the), de-, de-bug, de-bug
A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T (just run all of the), de-, de-bug, de-bug

A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T (just run all of the), de-, de-bug, de-bug
A-P-T, A-P-T, A-P-T, A-P-T
A-P-T, A-P-T, de-, de-bug, de-bug

| | | |
|------------------|-----|----|
| secretcode | 100 | 10 |
| sortedfreqs | 100 | 10 |
| positiveid | 100 | 10 |
| numberwords | 100 | 10 |
| lengthmost | 100 | 10 |
| wordchoices | 100 | 10 |
| interestingparty | 100 | 10 |
| eatdrink | 100 | 10 |