**Table 1 Results of Patch Assessment**

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| **Program** | **Technique** | **Remarks** | **Failing Test** |
| get\_factors | SSBA | incorrect | seed 1 test3 |
| Com-L | incorrect | seed 1 test3 |
| Com-T | incorrect | seed 1 test3 |
| LBA | incorrect | seed 1 test3 |
| TBA | incorrect | seed 1 test3 |
| shortest\_path\_lengths | SSBA | incorrect | seed 3 test2 |
| Com-L | incorrect | seed 3 test2 |
| Com-T | incorrect | seed 3 test2 |
| LBA | incorrect | seed 3 test2 |
| TBA | incorrect | seed 3 test2 |
| next\_palindrome | SSBA | incorrect | seed 1 test1 |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| depth\_first\_search | SSBA | incorrect | seed 1 test2 |
| Com-L | incorrect | seed 1 test2 |
| Com-T | incorrect | seed 1 test2 |
| LBA | incorrect | seed 1 test2 |
| TBA | incorrect | seed 1 test2 |
| levenshtein | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| pascal | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| find\_in\_sorted | SSBA | incorrect | seed 1 test3 |
| Com-L | incorrect | seed 1 test3 |
| Com-T | incorrect | seed 1 test3 |
| LBA | incorrect | seed 1 test3 |
| TBA | incorrect | seed 1 test3 |
| quicksort | SSBA | incorrect | seed 1 test2 |
| Com-L | incorrect | seed 1 test2 |
| Com-T | incorrect | seed 1 test2 |
| LBA | incorrect | seed 1 test2 |
| TBA | incorrect | seed 1 test2 |
| shortest\_path\_length | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| hanoi | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| sieve | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| bucketsort | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| mergesort | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| topological\_ordering | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |
| flatten | SSBA | incorrect | seed 1 test 1 |
| Com-L | correct |  |
| Com-T | incorrect | seed 1 test 1 |
| LBA | correct |  |
| TBA | incorrect | seed 1 test 1 |
| longest\_common\_subsequence | SSBA | correct |  |
| Com-L | correct |  |
| Com-T | correct |  |
| LBA | correct |  |
| TBA | correct |  |

**N.B:** Test cases can be found at https://github.com/KTH/quixbugs-experiment/tree/master/generatedTests