CS 2, Fall 2017 Program #1 – Password

Dr. Gurka Test Cases

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Tester:

In class: Create three more valid cases and three more invalid cases. Before the next class, produced a typed version to post. Bring four copies to class Wednesday, one to hand in and three to swap. Note that this informal test plan does not reflect the specified format of the output, just what the results should be for the passwords given.

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| **data** | **description of test cases** |
| *Abcd5* | *valid: minimum requirements met* |
| *55wXwZ* | *valid: 2 of each requirement, > minimum length, all letters together* |
| *hiThere* | *invalid: no digit* |
| *99xx* | *invalid: no uppercase letter, too short* |
| Cat5! | Valid: Length = Min, 1 Uppercase, 2 Lowercase, 1 digit and 1 special (optional). |
| D0g7” | Valid: Length = Min, 1 Uppercase, 1 Lowercase, 2 digits and 1 special (optional). |
| D075”t | Valid: Length > Min, 1 Uppercase, 1 Lowercase, 3 digits, 1 special. Tests if all characters are read past 5 characters and to the end. |
| “D05g7 “ | Invalid: Clear space at the end. Tests if more than 5 checked. (quotes are not part of the password) |
| DOGGOD | Invalid: 0 Lowercase, 0 digits. Fails on minimum Lowercase and digit counts. |
| “Pass “ “Word1!” | Invalid: Fails by having a clear space between “Pass” and “Word”. (quotes are not part of the password) |
| Kbc525 | Valid |
| ABCd9 | Valid |
| 1990Oct5 | Valid |
| Aa1 | Invalid: too short. |
| Ball5 | Invalid: No uppercase letter |
| SUMMER17 | Invalid: No lowercase letter |
| T9T9 | Invalid: No lowercase letter, too short |
| !F2@LL | Invalid: No lowercase letter |
| !.-^/ | Invalid: No lowercase letter, no uppercase letter, no digits |
| B!g@2mX | Valid |
| Sx5xS | Valid |
| <Lf23> | Valid |
| @#$ | Invalid: No lowercase letter, no uppercase letter, no digits |
| BANANA | Invalid: No lowercase letter, no digits |
| Dude 8 | Invalid: No white spaces allowed |
| Hell0 | Valid |
| Man\_7 | Valid |
| A?@!b\_-7 | Valid |