Marking Scheme of Assignment One

In this marking scheme, it totally has 10 test cases, and each test case is 10 marks. If the program cannot be compiled on XUbuntu, 0 marks will be given.

Test cases:
1. pwd
2. ls -l
3. ps
4. ps -al
5. ls -l | grep ev | wc -l
6. cat cat_test.file
7. cat cat_test.file | wc -l
8. cat sort_test.file
9. cat sort_test.file | grep tt | tail -n 6
10. EXIT

Notes:
1. The test case will be regarded as pass when the output is correct and there is no error information. If there is no output or output is not correct, 0 marks will be given for that test case.
2. For the program that exits directly after executing one command (not including "EXIT"), 3 marks will be deducted for that test case at first even if it outputs the correct result.
3. If output of one test case contains error information, we will deduct 3 marks for that test case even if it outputs the correct result.

Content of the cat_test.file

| This is a test file. |
| We have three lines in this file. |
| Line 3. |

Content of the sort_test.file

| 11, ab |
| (1)55, tt |
| 22, ui |
| (2)66, tt |
| 33, ta |
| (3)77, tt |
| 44, at |
| (4)88, tt |