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 Xubuntu20.04, 0 marks will be given.

Test cases:
1. pwd
2. ls -l
3. ps -al
4. ls -l | grep ev
5. ls -l | grep ev | wc -l
6. cat test.file
7. cat test.file | wc -l
8. cat test.file | grep tt | grep uu | wc -l
9. cat test.file | tail –n 6 | grep rr | grep uu
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 test.file

```
11, ab, yy
<1>55, tt, dd, yy
22, ui, uu
<2>66, tt, rr, uu
33, ta, yy
<3>77, tt, dd, yy
44, at, uu
<4>88,  tt, rr, uu
```