

Algorithms Correctness and Efficiency 23-24

Coursework 1 Individual Feedback

Student Name

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Raw Mark (without late submission penalty, if apply)

6.5 / 20.0

| Grading Criteria | Points |
|--|-----------|
| Report writing | 3.5 / 5.0 |
| Question 1 - PLogic | |
| Selection of proper algorithms | 1.5 / 1.5 |
| Selection of proper data structures | 0.0 / 1.0 |
| Correctness analysis | 0.0 / 1.0 |
| Space complexity analysis | 0.0 / 0.5 |
| Time complexity analysis | 0.0 / 1.0 |
| Java code judging result | 0.0 / 2.5 |
| Question 2 - IdSum | |
| Selection of proper algorithms and data structures | 0.5 / 1.5 |
| Algorithm justification | 0.0 / 1.0 |
| Correctness analysis | 0.0 / 1.0 |
| Space complexity analysis | 0.0 / 0.5 |
| Time complexity analysis | 1.0 / 1.0 |
| Java code judging result | 0.0 / 2.5 |

Judging Result for PLogic

| Test Case | Result | Time Used | Memory Used | Message |
|-----------|-------------------|-----------|-------------|---|
| #1.1 | TimeLimitExceeded | N/A | N/A | |
| #2.1 | WrongAnswer | 218 ms | 34.30 MB | On line 1, Read "Error," but expect "false" |
| #3.1 | WrongAnswer | 140 ms | 34.23 MB | On line 1, Read "Error," but expect "false" |
| #4.1 | WrongAnswer | 62 ms | 34.30 MB | On line 1, Read "Error," but expect "false" |
| #5.1 | WrongAnswer | 140 ms | 34.33 MB | On line 1, Read "Error," but expect "true" |

Judging Result for IdSum

| Test Case | Result | Time Used | Memory Used | Message |
|-----------|-------------|-----------|-------------|-------------------------------------|
| #1.1 | WrongAnswer | 156 ms | 35.77 MB | On line 1, Read "2" but expect "" |
| #2.1 | WrongAnswer | 203 ms | 34.91 MB | On line 1, Read "1" but expect "9" |
| #3.1 | WrongAnswer | 171 ms | 35.93 MB | On line 1, Read "1" but expect "8" |
| #4.1 | WrongAnswer | 218 ms | 35.29 MB | On line 1, Read "1" but expect "10" |
| #5.1 | WrongAnswer | 218 ms | 35.13 MB | On line 1, Read "1" but expect "30" |