

# CS1428

## Fall 2020

### Gentry Atkinson

### Lab 4

Style: 20 points

| Item                                       | Notes | Points Possible | Points Earned |
|--|-------|-----------------|---------------|
| Correct file name                          |       | 1               |               |
| Author name in file                        |       | 1               |               |
| Date in file                               |       | 1               |               |
| Consistent indenting                       |       | 2               |               |
| Variable names are meaningful              |       | 2               |               |
| File stream is closed                      |       | 2               |               |
| 1 do...while. 1 while, and 1 for loop used |       | 3               |               |
| Program will not accept an incorrect grade |       | 4               |               |
| Output file names are correct              |       | 4               |               |

## Test Cases: 40 points

| Input   | Expected Output  | Points Possible | Points Earned |
|---|--|-----------------|---------------|
| Lab1<br>100<br>95<br>87<br>92<br>97<br>91<br>82<br>100<br>88<br>96<br>100<br>82             | <b>cout:</b><br>The maximum grade is: 100<br>The minimum grade is: 82<br>The average grade is: 92.8<br><b>file:</b><br>all grades stored with one on each line | 10              |               |
| Lab2<br>83<br>91<br>88<br>86<br>93<br>73<br>81<br>92<br>78<br>95                            | <b>cout:</b><br>The maximum grade is: 95<br>The minimum grade is: 73<br>The average grade is: 86.0<br><b>file:</b><br>all grades stored with one on each line  | 10              |               |
| Lab3<br>0<br>100<br>-1<br>101<br>90<br>91<br>87<br>200<br>62<br>77<br>1<br>100<br>99<br>100 | <b>cout:</b><br>The maximum grade is: 100<br>The minimum grade is: 0<br>The average grade is: 70.7<br><b>file:</b><br>all grades stored with one on each line  | 10              |               |

|  |   |    |  |
|--|---|----|--|
| Lab4<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | <b>cout:</b><br>The maximum grade is: 0<br>The minimum grade is: 0<br>The average grade is: 0<br><b>file:</b><br>all grades stored with one on<br>each line | 10 |  |
|--|---|----|--|

Total: \_\_\_\_/60