Project 3 – Memory Allocator – Grading Sheet/Rubric

Evaluation?

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| --- | --- | --- | --- | --- | --- | --- |
| Grader: |  |  | Student Name: |  |  |  |
| Date/Time: |  |  | Student Name: |  |  |  |
| Team ID: |  |  | Student Name: |  |  |  |
| Late?: |  |  |  |  |  |  |
| Checkpoint?: |  |  |  | Project Score: |  | / 117 |

|  |  |  |  |
| --- | --- | --- | --- |
| Earned | Points | Task ID | Description |
|  | 8 | 1 | Passed all asserts in “test\_init\_destroy()”; 1 point per assert |
|  | 16 | 2 | Passed all asserts in “test\_allocaton\_basic()”; 2 points per assert |
|  | 6 | 3 | Passed all asserts in “test\_free\_basic()”; 2 points per assert |
|  | 32 | 4 | Passed all asserts in “test\_allocation\_withsplits()”; 2 points per assert |
|  | 8 | 5 | Passed all asserts in “test\_allocationfree\_placement()” 2 points per assert |
|  | 13 | 6 | Passed all asserts in “test\_free\_coalescing\_case1()” 1 point per assert |
|  | 9 | 7 | Passed all asserts in “test\_free\_coalescing\_case2()” 1 point per assert |
|  | 9 | 8 | Passed all asserts in “test\_free\_coalescing\_case3()” 1 point per assert |
|  | 8 | 9 | Passed all asserts in “test\_free\_coalescing\_chains\_fwd()” 1 point per assert |
|  | 8 | 10 | Passed all asserts in “test\_free\_coalescing\_chains\_bwd()” |

*Each test case will be run independently, so it is possible to earn credit for test case 10 even if test case 6 did not complete successfully.*

*For each test case, you may earn credit for the first X assert statements passed. For example, if your code fails on the sixth assert statement in a test, you will earn credit for asserts 1-5, but you cannot earn credit for any of the remaining asserts in that test.*

*Notice: passing all tests are not sufficient to earn all the points. The correctness of the implementation is judged at the discretion of the grader. As an example, any assignment in which the policy is hardcoded to produce the expected output will lead to point deductions.*

Grader Notes: