**Adjusted Grade:** 96.25/100

|  |  |
| --- | --- |
| **Adjusted Rubric:** | **Tianhui Li** |
| **JavaDoc Comments** | 1 |
| **Did not use existing Rectangle class** | 1 |
| **Public vs private** | 1 |
| **Constructor - x, y, w, h in order** | 1 |
| **Constructor - x,y is lower left corner** | 1 |
| **Constructor - <= 0 h/w throw error** | 1 |
| **Constructor - <= 0 x/y ok** | 1 |
| **Overlap - boolean return** | 1 |
| **Overlap - Rectangle other parameter** | 1 |
| **Intersect - returns Rectangle object** | 1 |
| **Intersect - Rectangle other parameter** | 1 |
| **Intersect - throw NoSuchElement error** | 1 |
| **Intersect - helpful message with error** | 1 |
| **Union - returns Rectangle object** | 1 |
| **Union - Rectangle other parameter** | 1 |
| **toString - returns String** | 1 |
| **toString - format “x:2, y:3, w:4, h:5”** | 1 |
| **Testing - Constructor** | 1.25 |
| **Testing - Overlap** | 5 |
| **Testing - Intersect** | 5 |
| **Testing - Union** | 5 |
| **Testing - toString** | 5 |
| **Formatting/ Structure** | 8 |
| **Correctness - Constructor** | 10 |
| **Correctness - Overlap** | 10 |
| **Correctness - Intersect** | 10 |
| **Correctness - Union** | 10 |
| **Correctness - toString** | 10 |
|  |  |
| **Total** | **96.25** |