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CS350

Lab7

Step 2: Testing

|  |  |  |
| --- | --- | --- |
| x | y | A(x,y) |
| 0 | 0 | 1 |
| 0 | 2 | 3 |
| 1 | 0 | 2 |
| 2 | 3 | 9 |
| 2 | 4 | 11 |
| 2 | 5 | 13 |
| 2 | 6 | 15 |
| 3 | 1 | 13 |
| 3 | 2 | 29 |
| 3 | 3 | 61 |

Q1:

|  |  |
| --- | --- |
| X=1 | Recursive calls =14 |
| X=2 | Recursive calls =27 |

Q2:

By 8 bytes per call. 4 bytes for the ra and 4 bytes to save previous x