**Homework 3**

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1.

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| --- | --- |
| **Highest Fold Ratio:** | **How Many Have It** |
| 800 | 34 |

|  |  |
| --- | --- |
| **Range** | **Count** |
| Val <= 2 | 411 |
| 2 < Val <= 4 | 285 |
| 8 < Val <= 16 | 942 |
| 16 < Val <= 32 | 3251 |
| 32 < Val <= 64 | 1129 |
| 64 < Val <= 128 | 611 |
| 128 < Val <= 256 | 258 |
| 256 < Val <= 512 | 112 |
| 512 < Val | 71 |
| **Total** | 7070 |

2.