**Statistics for Project 3**

**8 frames 4 KB Page Size**

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Page Faults | Trace 2 Page Faults | Trace 3 Page Faults |
| 1:1 | 103,539 | 42,123 | 32,801 |
| 1:3 | 163,510 | 62,069 | 15,949 |
| 3:1 | 93,875 | 42,930 | 72,803 |
| 3:5 | 130,174 | 42,068 | 19,487 |
| 5:3 | 84,408 | 42,358 | 44,717 |

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Writes to Disk | Trace 2 Writes to Disk | Trace 3 Writes to Disk |
| 1:1 | 62,306 | 41,670 | 16,776 |
| 1:3 | 81,767 | 41,662 | 8,860 |
| 3:1 | 51,215 | 41,925 | 30,991 |
| 3:5 | 71,222 | 41,641 | 10,679 |
| 5:3 | 54,747 | 41,720 | 17,016 |

**8 frames 4 MB Page Size**

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Page Faults | Trace 2 Page Faults | Trace 3 Page Faults |
| 1:1 | 1,027 | 105 | 706 |
| 1:3 | 23,635 | 247 | 667 |
| 3:1 | 452 | 633 | 43,753 |
| 3:5 | 3,391 | 127 | 277 |
| 5:3 | 502 | 137 | 10,034 |

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Writes to Disk | Trace 2 Writes to Disk | Trace 3 Writes to Disk |
| 1:1 | 639 | 72 | 430 |
| 1:3 | 12,964 | 151 | 269 |
| 3:1 | 270 | 265 | 22,861 |
| 3:5 | 1,861 | 91 | 169 |
| 5:3 | 306 | 91 | 5,643 |

**1,024 frames 4 KB Page Size**

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Page Faults | Trace 2 Page Faults | Trace 3 Page Faults |
| 1:1 | 40,168 | 41,328 | 1,589 |
| 1:3 | 40,169 | 41,328 | 1,589 |
| 3:1 | 40,168 | 41,328 | 1,589 |
| 3:5 | 40,168 | 41,328 | 1,589 |
| 5:3 | 40,168 | 41,328 | 1,589 |
| 7:9 | 40,168 | 41,328 | 1,589 |
| 9:7 | 40,168 | 41,328 | 1,589 |

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Writes to Disk | Trace 2 Writes to Disk | Trace 3 Writes to Disk |
| 1:1 | 39,342 | 40,263 | 921 |
| 1:3 | 39,090 | 40,264 | 1,174 |
| 3:1 | 39,598 | 40,260 | 666 |
| 3:5 | 39,214 | 40,263 | 1,046 |
| 5:3 | 39,470 | 40,260 | 793 |
| 7:9 | 39,278 | 40,263 | 985 |
| 9:7 | 39,406 | 40,263 | 857 |

**1,024 frames 4 MB Page Size**

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Page Faults | Trace 2 Page Faults | Trace 3 Page Faults |
| 1:1 | 94 | 57 | 29 |
| 1:3 | 94 | 57 | 29 |
| 3:1 | 94 | 57 | 29 |
| 3:5 | 94 | 57 | 29 |
| 5:3 | 94 | 57 | 29 |
| 7:9 | 94 | 57 | 29 |
| 9:7 | 94 | 57 | 29 |

|  |  |  |  |
| --- | --- | --- | --- |
| splits | Trace 1 Writes to Disk | Trace 2 Writes to Disk | Trace 3 Writes to Disk |
| 1:1 | 0 | 0 | 0 |
| 1:3 | 0 | 0 | 0 |
| 3:1 | 0 | 0 | 0 |
| 3:5 | 0 | 0 | 0 |
| 5:3 | 0 | 0 | 0 |
| 7:9 | 0 | 0 | 0 |
| 9:7 | 0 | 0 | 0 |