

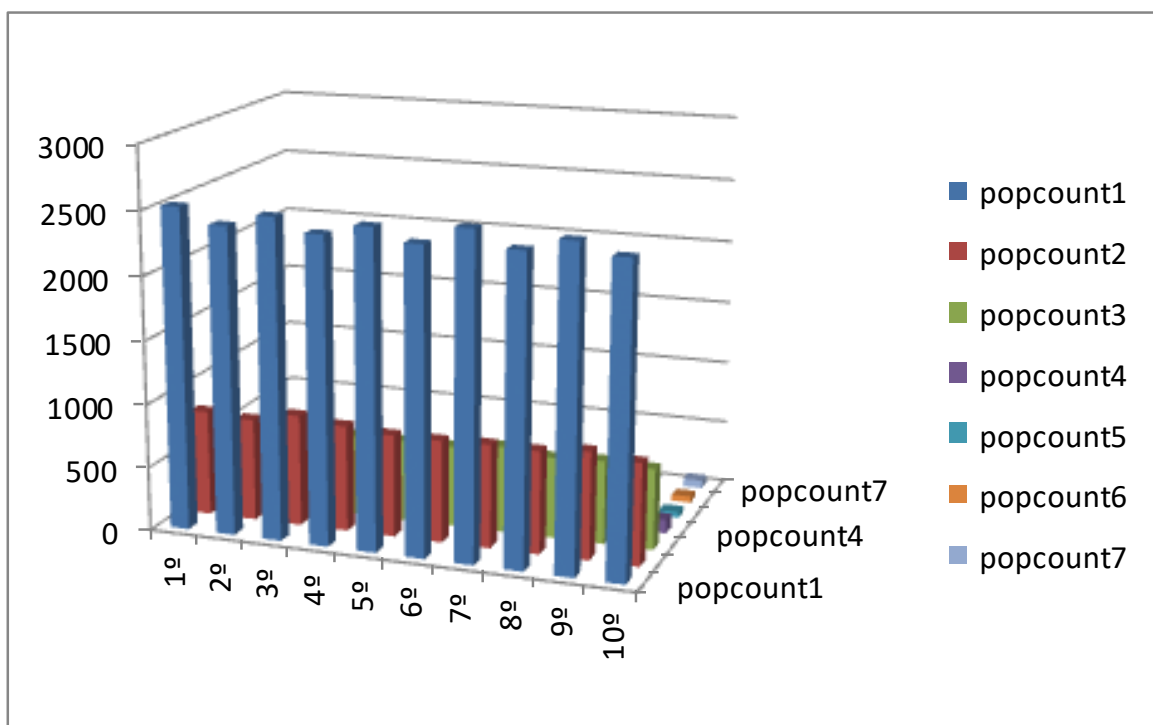
Resultado de las mediciones de tiempo del programa:

popcount.c **Detalles del procesador: i5 5200U 3M Cache, 2.70 GHz**

TABLAS:

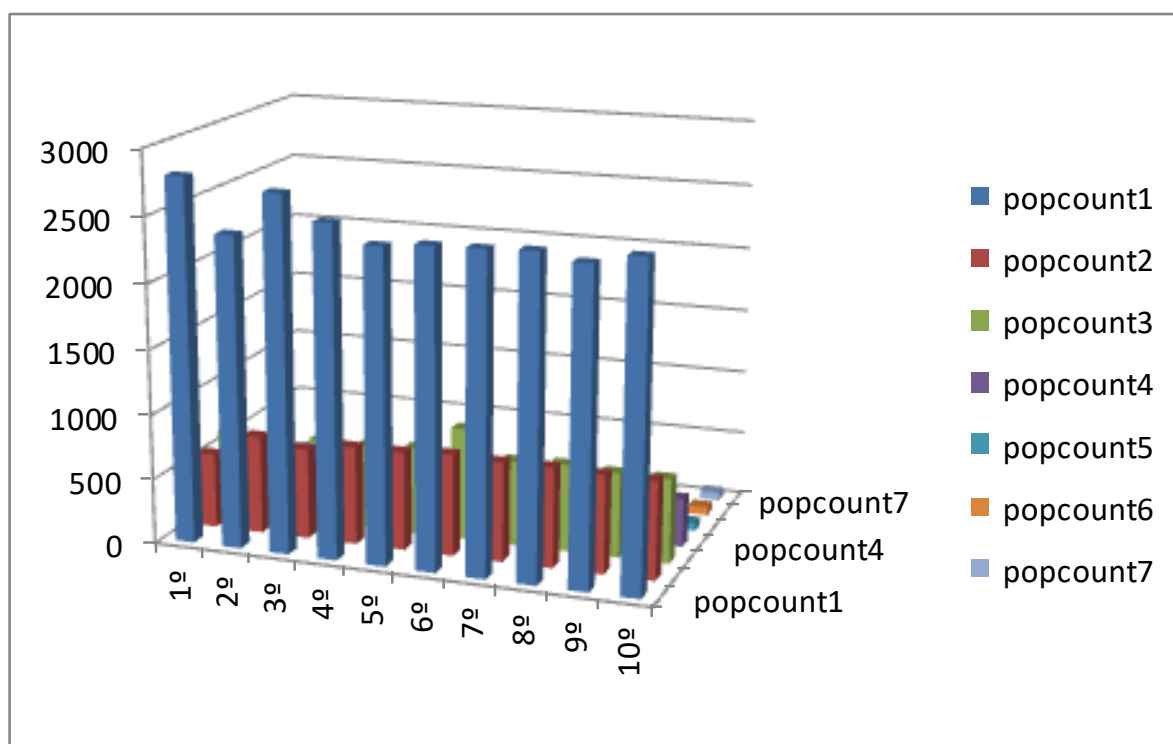
----- Optimización -O2 -----

| Medición (us) Popcount | popcount1 | popcount2 | popcount3 | popcount4 | popcount5 | popcount6 | popcount7 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1º | 2527 | 829 | 636 | 111 | 46 | 49 | 71 |
| 2º | 2409 | 804 | 639 | 110 | 46 | 50 | 70 |
| 3º | 2505 | 877 | 641 | 125 | 50 | 52 | 78 |
| 4º | 2401 | 834 | 637 | 111 | 45 | 49 | 72 |
| 5º | 2487 | 804 | 639 | 110 | 46 | 50 | 72 |
| 6º | 2388 | 803 | 639 | 101 | 35 | 41 | 53 |
| 7º | 2531 | 814 | 680 | 117 | 50 | 52 | 77 |
| 8º | 2402 | 806 | 637 | 110 | 45 | 49 | 72 |
| 9º | 2501 | 846 | 654 | 134 | 67 | 69 | 80 |
| 10º | 2410 | 801 | 635 | 110 | 46 | 50 | 63 |

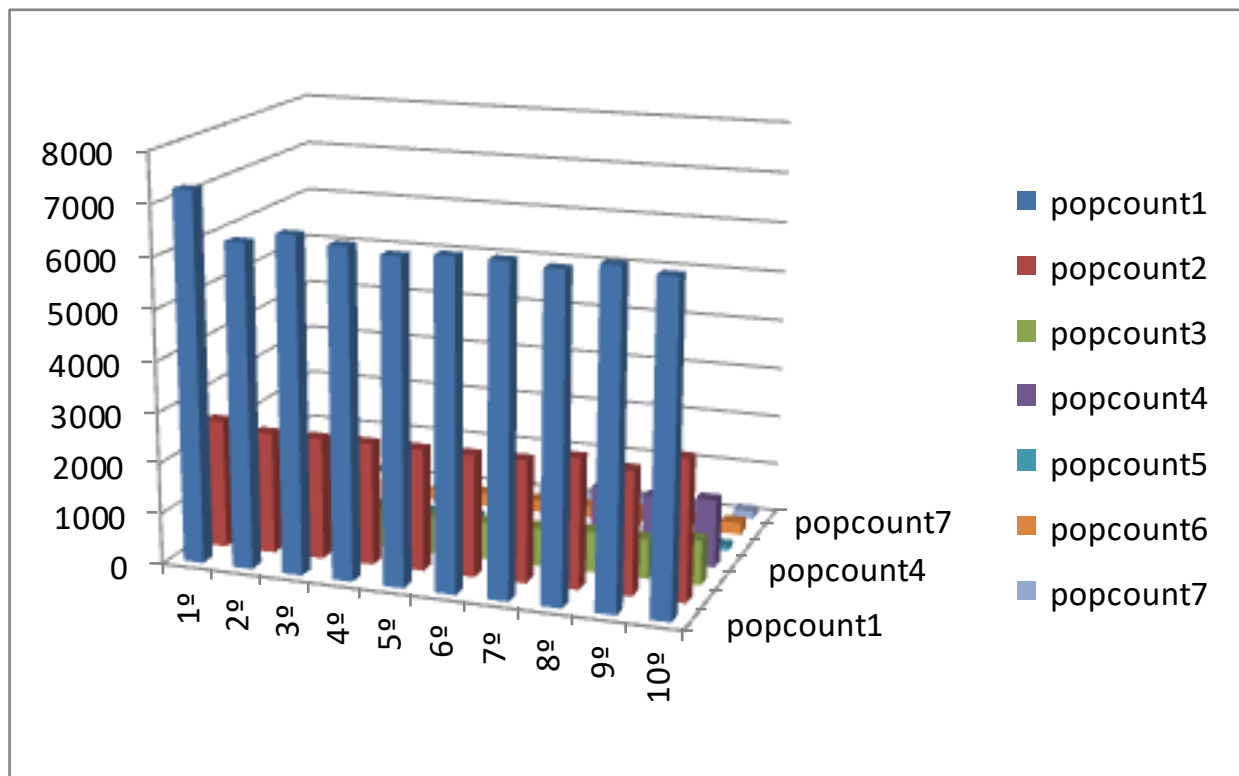


----- Optimización -O1 -----

| Medición (us) Popcount | popcount1 | popcount2 | popcount3 | popcount4 | popcount5 | popcount6 | popcount7 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1° | 2793 | 573 | 647 | 360 | 61 | 63 | 63 |
| 2° | 2388 | 754 | 647 | 360 | 60 | 63 | 62 |
| 3° | 2720 | 697 | 655 | 358 | 64 | 68 | 68 |
| 4° | 2531 | 753 | 647 | 352 | 59 | 63 | 63 |
| 5° | 2391 | 754 | 670 | 353 | 59 | 62 | 63 |
| 6° | 2424 | 780 | 864 | 508 | 47 | 57 | 88 |
| 7° | 2430 | 762 | 654 | 357 | 65 | 69 | 68 |
| 8° | 2444 | 766 | 670 | 358 | 65 | 68 | 69 |
| 9° | 2388 | 754 | 648 | 352 | 59 | 62 | 63 |
| 10° | 2464 | 754 | 647 | 374 | 60 | 64 | 63 |

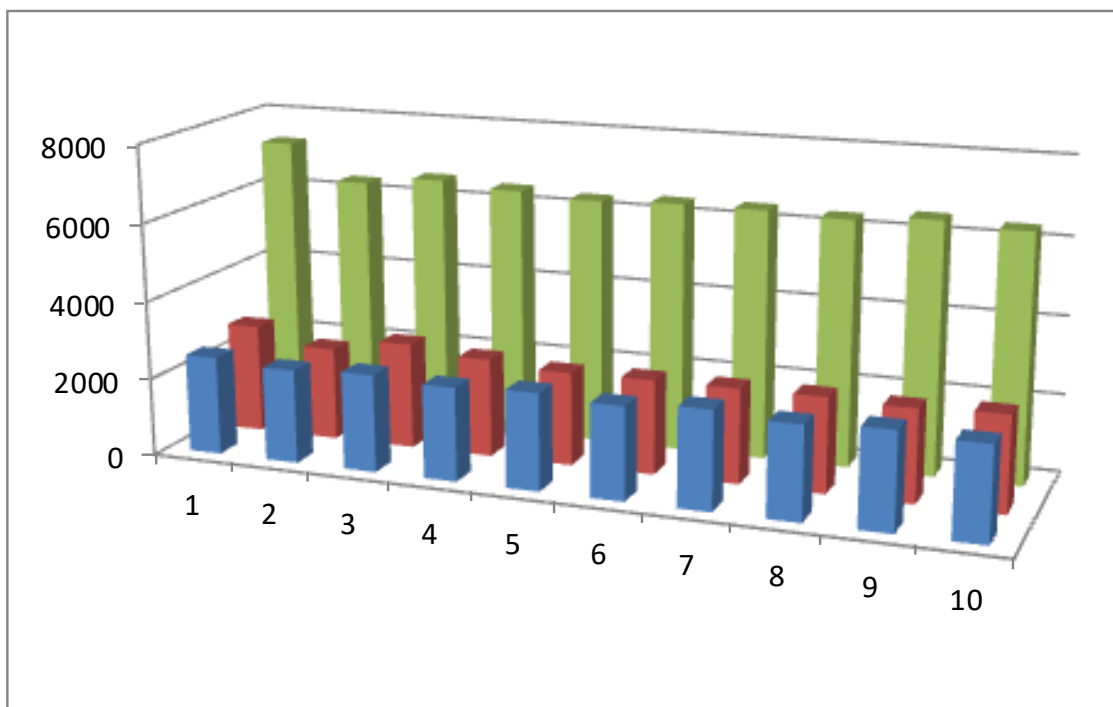


| Medición (us) \Popcount | popcount1 | popcount2 | popcount3 | popcount4 | popcount5 | popcount6 | popcount7 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1° | 7263 | 2537 | 903 | 1364 | 93 | 238 | 161 |
| 2° | 6348 | 2391 | 766 | 1246 | 91 | 240 | 160 |
| 3° | 6561 | 2394 | 802 | 1271 | 109 | 297 | 182 |
| 4° | 6431 | 2403 | 751 | 1269 | 91 | 239 | 162 |
| 5° | 6322 | 2394 | 747 | 1353 | 104 | 265 | 168 |
| 6° | 6397 | 2397 | 739 | 1248 | 91 | 240 | 161 |
| 7° | 6395 | 2407 | 751 | 1265 | 91 | 239 | 161 |
| 8° | 6323 | 2557 | 805 | 1352 | 134 | 257 | 196 |
| 9° | 6471 | 2438 | 778 | 1281 | 92 | 246 | 165 |
| 10° | 6358 | 2768 | 879 | 1343 | 90 | 239 | 161 |

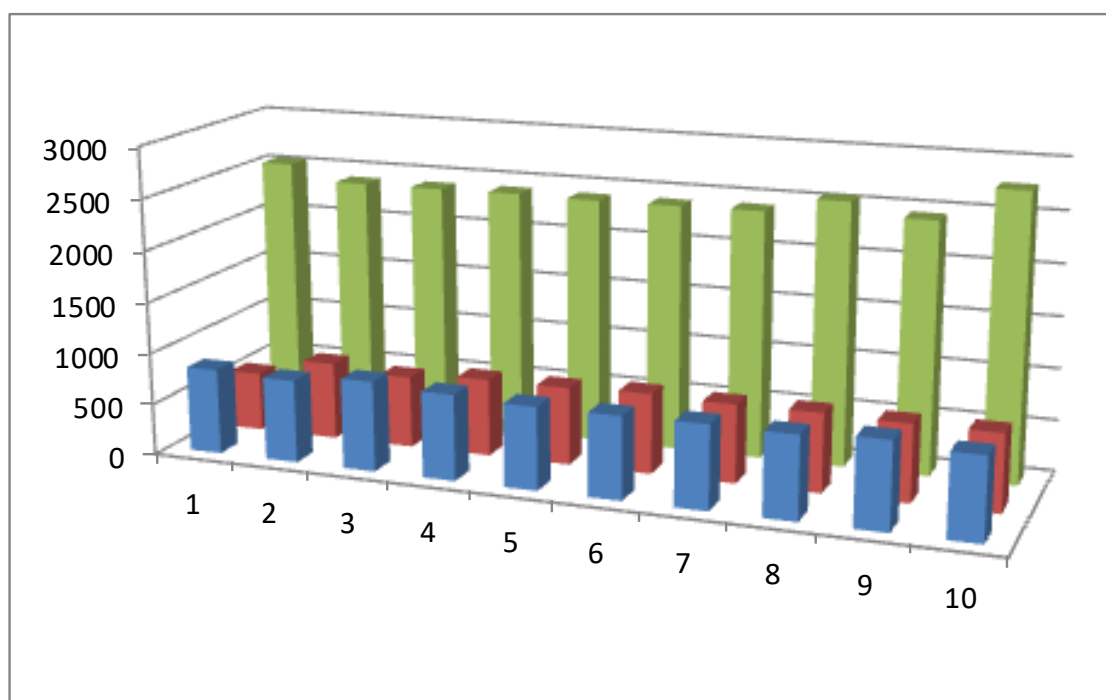


Gráficas según el nivel de optimización

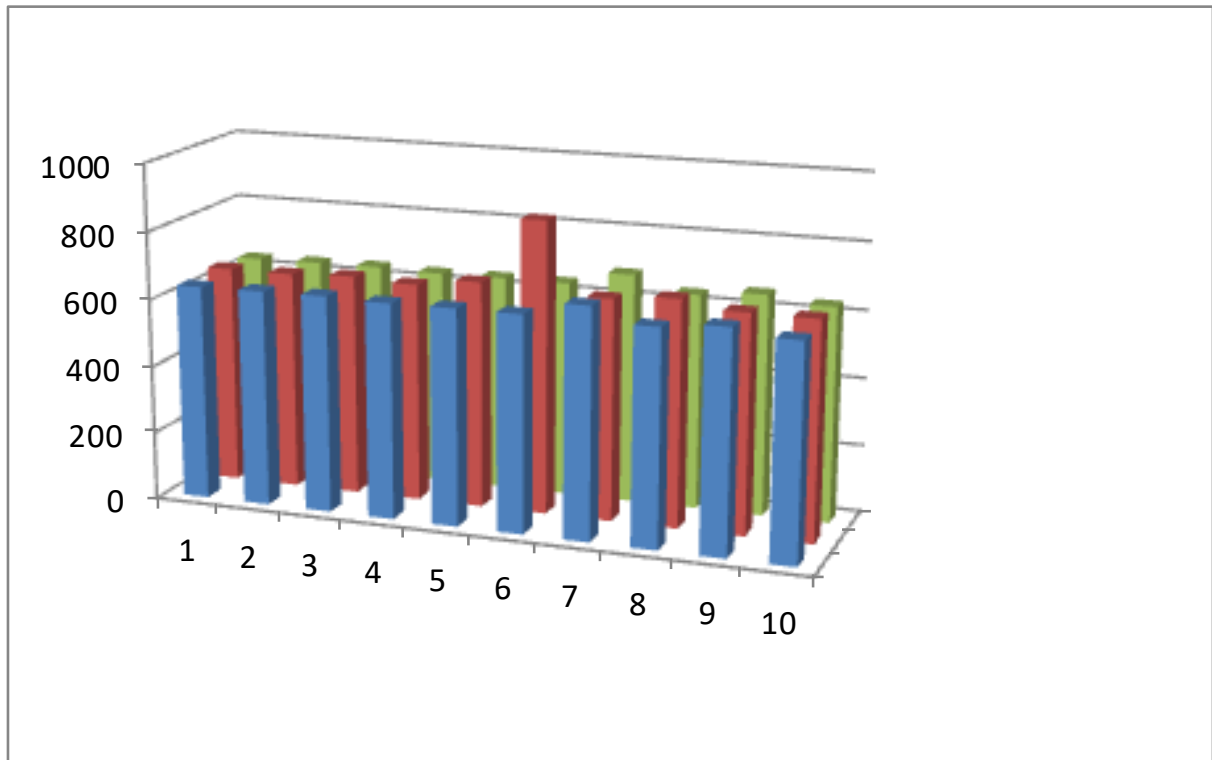
----- Popcount1 -O0 -O1 -O2 -----



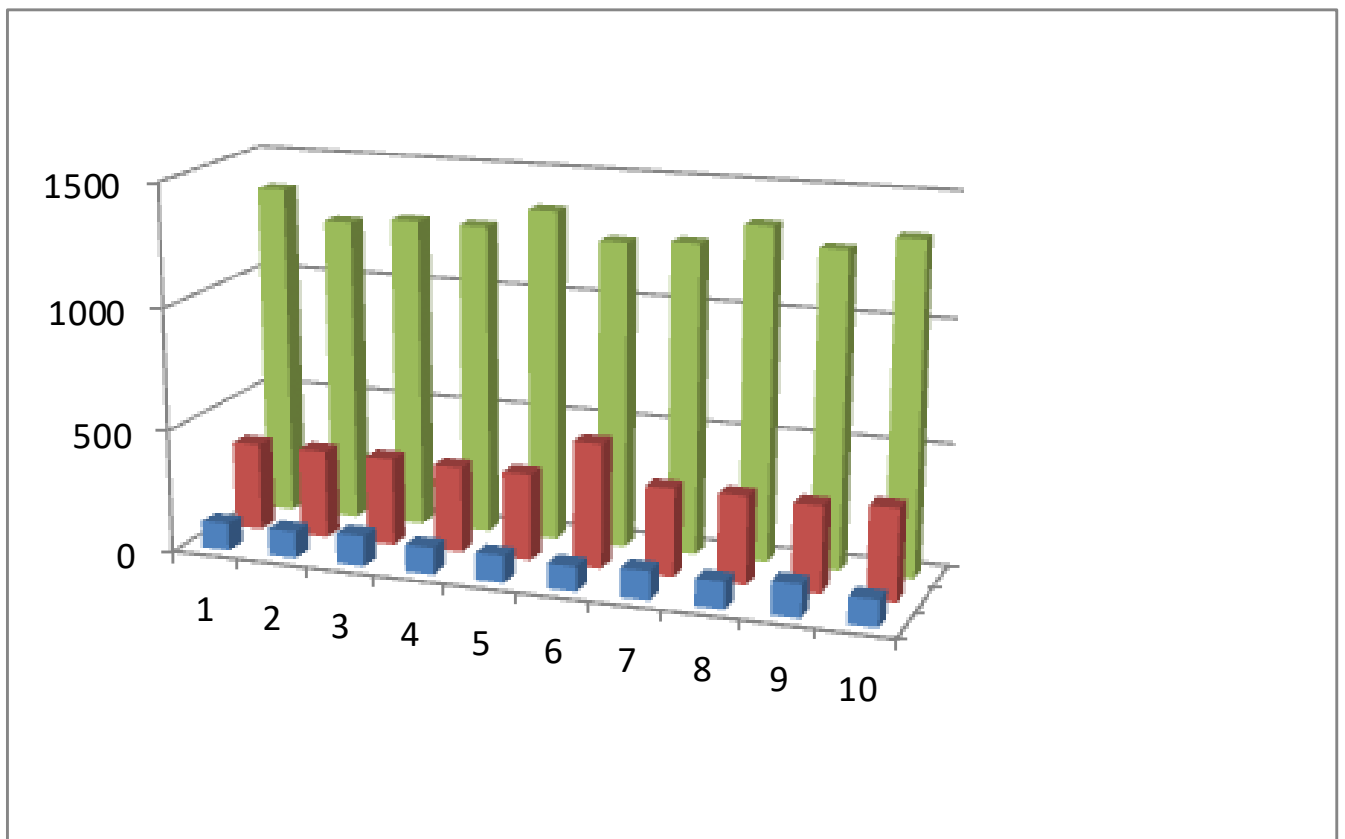
----- Popcount2 -O0 -O1 -O2 -----



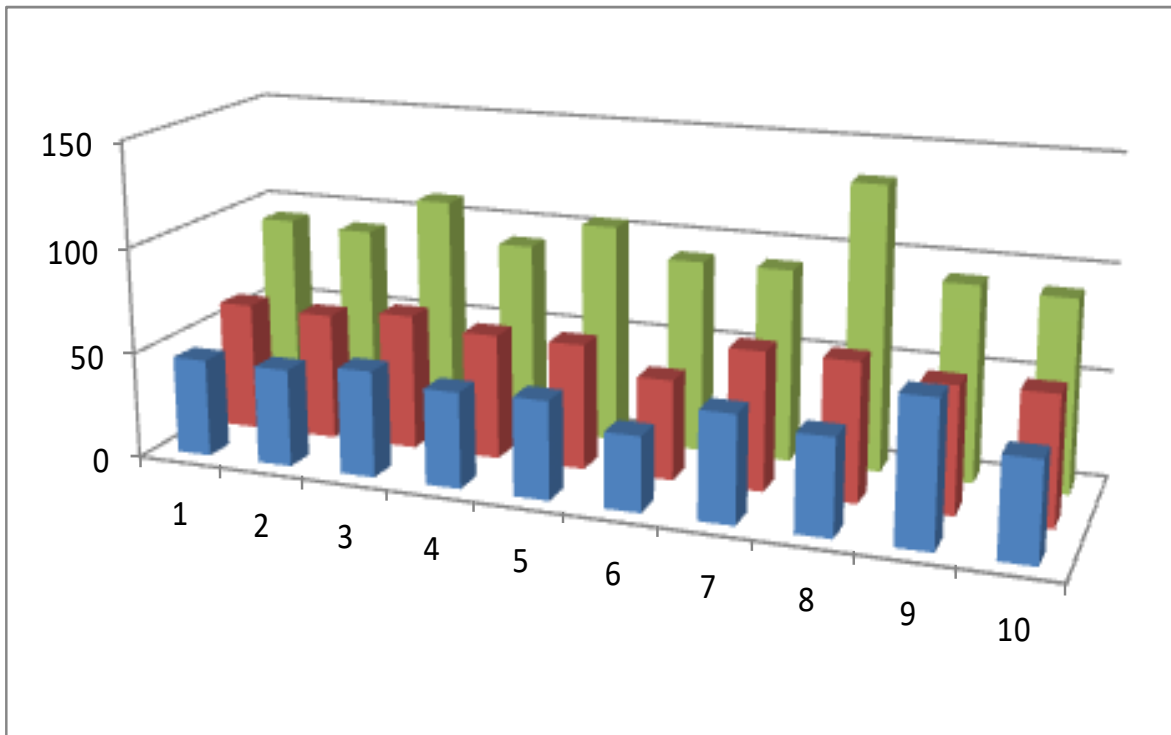
----- Popcount3 -O0 -O1 -O2 -----



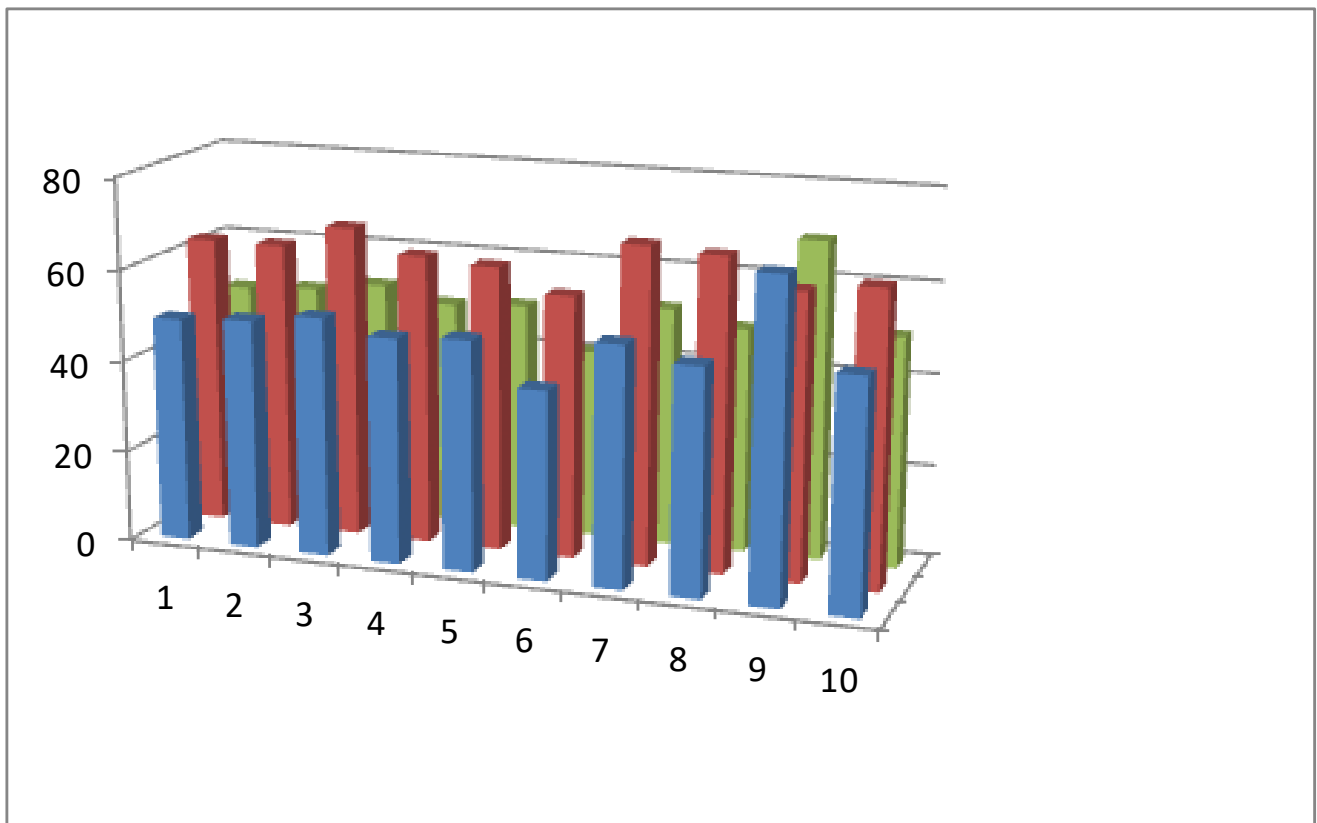
----- Popcount4 -O0 -O1 -O2 -----



----- Popcount5 -O0 -O1 -O2 -----



----- Popcount6 -O0 -O1 -O2 -----



----- Popcount7 -O0 -O1 -O2 -----

