# Summary

| TLE | Score(Functional Test) | 94 |
|---|---|---|
| | Time(Performance Test) | 755 s 382618 us |
| Git Clone Command | | |
| Last Commit At | | - |

# Time Information

| Compile time | 3 s 583 ms |
|---|---|

Last case :sl1 ; Step: generate executable file ; Elapsed time : 218 s 668 ms

| No | CaseName | Time |
|---|---|---|
| 1 | branch | 1 s 574 ms |
| 2 | break_continue | 1 s 919 ms |
| 3 | multiple_returns | 1 s 621 ms |
| 4 | ret_in_block | 1 s 632 ms |
| 5 | scope4 | 1 s 762 ms |
| 6 | add2 | 3 s 175 ms |
| 7 | addc | 3 s 298 ms |
| 8 | arr_defn2 | 3 s 153 ms |
| 9 | arr_defn3 | 3 s 343 ms |
| 10 | arr_defn4 | 3 s 422 ms |
| 11 | arr_expr_len | 3 s 297 ms |
| 12 | assign_complex_expr | 3 s 340 ms |
| 13 | big_int_mul | 3 s 586 ms |
| 14 | brainfk | 3 s 761 ms |
| 15 | break | 3 s 340 ms |
| 16 | calculator | 3 s 881 ms |
| 17 | chaos_token | 3 s 579 ms |
| 18 | color | 28 s 948 ms |
| 19 | comment1 | 3 s 251 ms |
| 20 | const_array_defn | 3 s 220 ms |
| 21 | const_var_defn2 | 3 s 242 ms |
| 22 | const_var_defn3 | 3 s 242 ms |
| 23 | continue | 3 s 327 ms |
| 24 | dijkstra | 3 s 726 ms |
| 25 | div | 3 s 241 ms |
| 26 | divc | 3 s 207 ms |
| 27 | empty_stmt | 3 s 182 ms |

| 28 | exgcd | 3 s 449 ms |
|---|---|---|
| 29 | expr_eval | 4 s 218 ms |
| 30 | float | 3 s 792 ms |
| 31 | full_conn | 4 s 15 ms |
| 32 | func_defn | 3 s 410 ms |
| 33 | hanoi | 3 s 575 ms |
| 34 | hex_defn | 3 s 190 ms |
| 35 | hex_oct_add | 3 s 238 ms |
| 36 | hidden_var | 3 s 558 ms |
| 37 | if_complex_expr | 3 s 483 ms |
| 38 | if_test2 | 3 s 955 ms |
| 39 | if_test3 | 3 s 459 ms |
| 40 | if_test4 | 3 s 340 ms |
| 41 | if_test5 | 3 s 238 ms |
| 42 | int_io | 3 s 572 ms |
| 43 | kmp | 3 s 644 ms |
| 44 | logi_assign | 3 s 310 ms |
| 45 | long_array | 3 s 592 ms |
| 46 | long_array2 | 3 s 358 ms |
| 47 | long_code | 3 s 843 ms |
| 48 | long_code2 | 11 s 489 ms |
| 49 | long_func | 5 s 430 ms |
| 50 | main | 3 s 360 ms |
| 51 | many_globals | 3 s 556 ms |
| 52 | many_locals | 3 s 381 ms |
| 53 | many_locals2 | 3 s 905 ms |
| 54 | many_params | 3 s 820 ms |
| 55 | many_params2 | 3 s 704 ms |
| 56 | matrix_add | 3 s 553 ms |
| 57 | matrix_mul | 3 s 542 ms |
| 58 | matrix_sub | 3 s 474 ms |
| 59 | matrix_tran | 3 s 580 ms |
| 60 | max_flow | 3 s 818 ms |
| 61 | mod | 3 s 168 ms |
| 62 | mul | 3 s 128 ms |
| 63 | mulc | 3 s 305 ms |
| 64 | n_queens | 3 s 586 ms |
| 65 | nested_calls | 3 s 793 ms |

| 66 | nested_loops | 4 s 27 ms |
|---|---|---|
| 67 | op_priority1 | 3 s 292 ms |
| 68 | op_priority2 | 3 s 195 ms |
| 69 | op_priority3 | 3 s 164 ms |
| 70 | op_priority4 | 3 s 516 ms |
| 71 | op_priority5 | 3 s 376 ms |
| 72 | percolation | 3 s 877 ms |
| 73 | register_alloc | 6 s 542 ms |
| 74 | rem | 3 s 296 ms |
| 75 | reverse_output | 3 s 271 ms |
| 76 | scope | 3 s 547 ms |
| 77 | scope2 | 3 s 515 ms |
| 78 | short_circuit | 3 s 848 ms |
| 79 | short_circuit3 | 3 s 728 ms |
| 80 | side_effect | 3 s 555 ms |
| 81 | skip_spaces | 3 s 443 ms |
| 82 | sort_test1 | 3 s 613 ms |
| 83 | sort_test2 | 3 s 436 ms |
| 84 | sort_test3 | 3 s 631 ms |
| 85 | sort_test4 | 3 s 589 ms |
| 86 | sort_test5 | 3 s 672 ms |
| 87 | sort_test6 | 3 s 694 ms |
| 88 | sort_test7 | 3 s 584 ms |
| 89 | stmt_expr | 3 s 278 ms |
| 90 | sub2 | 3 s 191 ms |
| 91 | subc | 3 s 293 ms |
| 92 | substr | 3 s 662 ms |
| 93 | unary_op | 3 s 215 ms |
| 94 | unary_op2 | 3 s 315 ms |
| 95 | var_defn2 | 3 s 308 ms |
| 96 | var_defn3 | 3 s 242 ms |
| 97 | var_defn_func | 3 s 315 ms |
| 98 | var_name | 3 s 411 ms |
| 99 | while_if | 3 s 421 ms |
| 100 | while_if_test1 | 3 s 439 ms |
| 101 | while_if_test2 | 3 s 452 ms |
| 102 | while_if_test3 | 3 s 608 ms |
| 103 | while_test1 | 3 s 311 ms |

| 104 | while_test2 | 3 s 804 ms |
|---|---|---|
| 105 | while_test3 | 3 s 654 ms |
| 106 | BFS | 4 s 225 ms |
| 107 | BST | 3 s 763 ms |
| 108 | DFS | 3 s 931 ms |
| 109 | DSU | 3 s 793 ms |
| 110 | LCA | 5 s 309 ms |
| 111 | arr_init_nd | 3 s 320 ms |
| 112 | array_only | 3 s 618 ms |
| 113 | comment2 | 3 s 292 ms |
| 114 | dct | 3 s 741 ms |
| 115 | dp | 3 s 640 ms |
| 116 | fp_params | 4 s 503 ms |
| 117 | func_name | 3 s 211 ms |
| 118 | global_arr_init | 3 s 240 ms |
| 119 | graph_coloring | 3 s 765 ms |
| 120 | json | 143 s 265 ms |
| 121 | k_smallest | 3 s 561 ms |
| 122 | light2d | 6 s 689 ms |
| 123 | long_line | 21 s 752 ms |
| 124 | many_dimensions | 4 s 675 ms |
| 125 | many_indirections | 3 s 654 ms |
| 126 | many_params3 | 3 s 706 ms |
| 127 | math | 3 s 649 ms |
| 128 | matrix_multiply | 3 s 535 ms |
| 129 | maximal_clique | 3 s 637 ms |
| 130 | multi_branch | 6 s 660 ms |
| 131 | multi_loop | 7 s 662 ms |
| 132 | param_name | 3 s 252 ms |
| 133 | prim | 3 s 734 ms |
| 134 | rotate | 4 s 705 ms |
| 135 | scope3 | 3 s 302 ms |
| 136 | scope5 | 3 s 400 ms |
| 137 | search | 3 s 967 ms |
| 138 | side_effect2 | 4 s 240 ms |
| 139 | sort | 4 s 736 ms |
| 140 | union_find | 3 s 704 ms |
| 1 | sl2 | 501 s 157 ms |

| 2 | sl3 | 470 s 311 ms |
|---|---|---|
| 3 | hoist-3 | 314 s 119 ms |
| 4 | integer-divide-optimization-3 | 327 s 278 ms |
| 5 | bitset1 | 5 s 736 ms |
| 6 | bitset2 | 7 s 637 ms |
| 7 | bitset3 | 9 s 871 ms |
| 8 | brainfuck-bootstrap | 35 s 134 ms |
| 9 | brainfuck-mandelbrot-nerf | 92 s 509 ms |
| 10 | brainfuck-pi-nerf | 8 s 676 ms |
| 11 | conv0 | 60 s 893 ms |
| 12 | conv1 | 83 s 16 ms |
| 13 | conv2 | 76 s 638 ms |
| 14 | crypto-1 | 6 s 236 ms |
| 15 | crypto-2 | 5 s 886 ms |
| 16 | crypto-3 | 6 s 810 ms |
| 17 | dead-code-elimination-1 | 4 s 895 ms |
| 18 | dead-code-elimination-2 | 5 s 358 ms |
| 19 | dead-code-elimination-3 | 5 s 376 ms |
| 20 | fft0 | 22 s 750 ms |
| 21 | fft1 | 35 s 41 ms |
| 22 | fft2 | 31 s 206 ms |
| 23 | floyd-0 | 14 s 419 ms |
| 24 | floyd-1 | 12 s 676 ms |
| 25 | floyd-2 | 49 s 349 ms |
| 26 | gameoflife-gosper | 30 s 159 ms |
| 27 | gameoflife-oscillator | 24 s 927 ms |
| 28 | gameoflife-p61glidergun | 24 s 747 ms |
| 29 | hoist-1 | 4 s 900 ms |
| 30 | hoist-2 | 105 s 954 ms |
| 31 | instruction-combining-1 | 38 s 380 ms |
| 32 | instruction-combining-2 | 54 s 141 ms |
| 33 | instruction-combining-3 | 51 s 367 ms |
| 34 | integer-divide-optimization-1 | 17 s 515 ms |
| 35 | integer-divide-optimization-2 | 126 s 430 ms |
| 36 | median0 | 22 s 751 ms |
| 37 | median1 | 22 s 63 ms |
| 38 | median2 | 60 s 146 ms |
| 39 | mm1 | 16 s 458 ms |

| 40 | mm2 | 14 s 967 ms |
|---|---|---|
| 41 | mv1 | 18 s 579 ms |
| 42 | mv2 | 14 s 254 ms |
| 43 | mv3 | 14 s 504 ms |
| 44 | shuffle0 | 252 s 684 ms |
| 45 | shuffle1 | 245 s 673 ms |
| 46 | shuffle2 | 188 s 153 ms |
| 47 | sort1 | 57 s 297 ms |
| 48 | sort2 | 78 s 641 ms |
| 49 | spmv1 | 16 s 964 ms |
| 50 | spmv2 | 14 s 885 ms |
| 51 | spmv3 | 15 s 644 ms |
| 52 | stencil0 | 5 s 350 ms |
| 53 | stencil1 | 8 s 708 ms |
| 54 | transpose0 | 38 s 264 ms |
| 55 | transpose1 | 39 s 697 ms |
| 56 | transpose2 | 61 s 249 ms |

# Detail

| Functional Test | 0 CE; 5 RE; 0 TLE; 0 WA; 135 AC | | | |
|---|---|---|---|---|
| No | Case Name | Status | Score | Log |
| 1 | branch | RE | 0.000 | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static |
| 2 | break_continue | RE | 0.000 | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static |
| 3 | multiple_returns | RE | 0.000 | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static |

| | | | | |
|---|---|---|---|---|
| 4 | ret_in_block | RE | 0.000 | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static |
| 5 | scope4 | RE | 0.000 | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static |
| 6 | add2 | AC | 1.163 | |
| 7 | addc | AC | 1.163 | |
| 8 | arr_defn2 | AC | 0.233 | |
| 9 | arr_defn3 | AC | 0.233 | |
| 10 | arr_defn4 | AC | 0.233 | |
| 11 | arr_expr_len | AC | 0.233 | |
| 12 | assign_complex_expr | AC | 1.163 | |
| 13 | big_int_mul | AC | 1.163 | |
| 14 | brainfk | AC | 1.163 | |
| 15 | break | AC | 0.581 | |
| 16 | calculator | AC | 1.163 | |
| 17 | chaos_token | AC | 1.163 | |
| 18 | color | AC | 1.163 | |
| 19 | comment1 | AC | 1.163 | |
| 20 | const_array_defn | AC | 0.388 | |
| 21 | const_var_defn2 | AC | 0.388 | |
| 22 | const_var_defn3 | AC | 0.388 | |
| 23 | continue | AC | 1.163 | |
| 24 | dijkstra | AC | 1.163 | |
| 25 | div | AC | 1.163 | |
| 26 | divc | AC | 1.163 | |
| 27 | empty_stmt | AC | 1.163 | |
| 28 | exgcd | AC | 1.163 | |
| 29 | expr_eval | AC | 1.163 | |
| 30 | float | AC | 1.163 | |
| 31 | full_conn | AC | 1.163 | |
| 32 | func_defn | AC | 0.581 | |
| 33 | hanoi | AC | 1.163 | |
| 34 | hex_defn | AC | 0.581 | |

| 35 | hex_oct_add | AC | 0.581 | |
|----|-------------|-----|-------|---|
| 36 | hidden_var | AC | 1.163 | |
| 37 | if_complex_expr | AC | 0.233 | |
| 38 | if_test2 | AC | 0.233 | |
| 39 | if_test3 | AC | 0.233 | |
| 40 | if_test4 | AC | 0.233 | |
| 41 | if_test5 | AC | 0.233 | |
| 42 | int_io | AC | 1.163 | |
| 43 | kmp | AC | 1.163 | |
| 44 | logi_assign | AC | 1.163 | |
| 45 | long_array | AC | 0.194 | |
| 46 | long_array2 | AC | 0.194 | |
| 47 | long_code | AC | 0.194 | |
| 48 | long_code2 | AC | 0.194 | |
| 49 | long_func | AC | 0.194 | |
| 50 | main | AC | 1.163 | |
| 51 | many_globals | AC | 0.145 | |
| 52 | many_locals | AC | 0.145 | |
| 53 | many_locals2 | AC | 0.145 | |
| 54 | many_params | AC | 0.145 | |
| 55 | many_params2 | AC | 0.145 | |
| 56 | matrix_add | AC | 0.233 | |
| 57 | matrix_mul | AC | 0.233 | |
| 58 | matrix_sub | AC | 0.233 | |
| 59 | matrix_tran | AC | 0.233 | |
| 60 | max_flow | AC | 1.163 | |
| 61 | mod | AC | 1.163 | |
| 62 | mul | AC | 1.163 | |
| 63 | mulc | AC | 1.163 | |
| 64 | n_queens | AC | 1.163 | |
| 65 | nested_calls | AC | 0.581 | |
| 66 | nested_loops | AC | 0.581 | |
| 67 | op_priority1 | AC | 0.233 | |
| 68 | op_priority2 | AC | 0.233 | |
| 69 | op_priority3 | AC | 0.233 | |
| 70 | op_priority4 | AC | 0.233 | |
| 71 | op_priority5 | AC | 0.233 | |
| 72 | percolation | AC | 1.163 | |

| 73 | register_alloc | AC | 1.163 | |
|---|---|---|---|---|
| 74 | rem | AC | 1.163 | |
| 75 | reverse_output | AC | 1.163 | |
| 76 | scope | AC | 1.163 | |
| 77 | scope2 | AC | 1.163 | |
| 78 | short_circuit | AC | 0.581 | |
| 79 | short_circuit3 | AC | 0.581 | |
| 80 | side_effect | AC | 0.581 | |
| 81 | skip_spaces | AC | 1.163 | |
| 82 | sort_test1 | AC | 0.145 | |
| 83 | sort_test2 | AC | 0.145 | |
| 84 | sort_test3 | AC | 0.145 | |
| 85 | sort_test4 | AC | 0.145 | |
| 86 | sort_test5 | AC | 0.145 | |
| 87 | sort_test6 | AC | 0.145 | |
| 88 | sort_test7 | AC | 0.145 | |
| 89 | stmt_expr | AC | 1.163 | |
| 90 | sub2 | AC | 1.163 | |
| 91 | subc | AC | 1.163 | |
| 92 | substr | AC | 1.163 | |
| 93 | unary_op | AC | 0.581 | |
| 94 | unary_op2 | AC | 0.581 | |
| 95 | var_defn2 | AC | 0.291 | |
| 96 | var_defn3 | AC | 0.291 | |
| 97 | var_defn_func | AC | 0.291 | |
| 98 | var_name | AC | 0.291 | |
| 99 | while_if | AC | 0.166 | |
| 100 | while_if_test1 | AC | 0.166 | |
| 101 | while_if_test2 | AC | 0.166 | |
| 102 | while_if_test3 | AC | 0.166 | |
| 103 | while_test1 | AC | 0.166 | |
| 104 | while_test2 | AC | 0.166 | |
| 105 | while_test3 | AC | 0.166 | |
| 106 | BFS | AC | 1.163 | |
| 107 | BST | AC | 1.163 | |
| 108 | DFS | AC | 1.163 | |
| 109 | DSU | AC | 1.163 | |
| 110 | LCA | AC | 1.163 | |

| No | Case Name | Status | Time | Log |
|---|---|---|---|---|
| 111 | arr_init_nd | AC | 0.233 | |
| 112 | array_only | AC | 1.163 | |
| 113 | comment2 | AC | 1.163 | |
| 114 | dct | AC | 1.163 | |
| 115 | dp | AC | 1.163 | |
| 116 | fp_params | AC | 1.163 | |
| 117 | func_name | AC | 0.581 | |
| 118 | global_arr_init | AC | 1.163 | |
| 119 | graph_coloring | AC | 1.163 | |
| 120 | json | AC | 1.163 | |
| 121 | k_smallest | AC | 1.163 | |
| 122 | light2d | AC | 1.163 | |
| 123 | long_line | AC | 0.194 | |
| 124 | many_dimensions | AC | 0.145 | |
| 125 | many_indirections | AC | 0.145 | |
| 126 | many_params3 | AC | 0.145 | |
| 127 | math | AC | 1.163 | |
| 128 | matrix_multiply | AC | 0.233 | |
| 129 | maximal_clique | AC | 1.163 | |
| 130 | multi_branch | AC | 0.581 | |
| 131 | multi_loop | AC | 0.581 | |
| 132 | param_name | AC | 1.163 | |
| 133 | prim | AC | 1.163 | |
| 134 | rotate | AC | 1.163 | |
| 135 | scope3 | AC | 1.163 | |
| 136 | scope5 | AC | 1.163 | |
| 137 | search | AC | 1.163 | |
| 138 | side_effect2 | AC | 0.581 | |
| 139 | sort | AC | 0.145 | |
| 140 | union_find | AC | 1.163 | |

| Performance Test | 0 CE; 2 RE; 2 TLE; 0 WA; 52 AC | | | |
|---|---|---|---|---|
| No | Case Name | Status | Time | Log |

| # | Name | Status | Time | Details |
|---|---|---|---|---|
| 1 | sl2 | RE | - | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static<br><br>collect2: fatal error: ld terminated with signal 9 [Killed]<br><br>compilation terminated. |
| 2 | sl3 | RE | - | Error occurs while linking assembly on Raspberry Pi.<br><br>Exit Code :1<br><br>Command: gcc -march=armv7-a /root/exec/testcase.s -o /root/exec/exec.o -L /root/testdata/945461041/testdata -lsysy -static<br><br>collect2: fatal error: ld terminated with signal 9 [Killed]<br><br>compilation terminated. |
| 3 | hoist-3 | TLE | - | Timeout while executing assembly on Raspberry Pi.(300 s) |
| 4 | integer-divide-optimization-3 | TLE | - | Timeout while executing assembly on Raspberry Pi.(300 s) |
| 5 | bitset1 | AC | 2 s 8082 us | Timer@0056-0064: 0H-0M-2S-8082us<br><br>TOTAL: 0H-0M-2S-8082us |
| 6 | bitset2 | AC | 4 s 20095 us | Timer@0056-0064: 0H-0M-4S-20095us<br><br>TOTAL: 0H-0M-4S-20095us |
| 7 | bitset3 | AC | 6 s 24159 us | Timer@0056-0064: 0H-0M-6S-24159us<br><br>TOTAL: 0H-0M-6S-24159us |
| 8 | brainfuck-bootstrap | AC | 31 s 57680 us | Timer@0116-0118: 0H-0M-31S-57680us<br><br>TOTAL: 0H-0M-31S-57680us |
| 9 | brainfuck-mandelbrot-nerf | AC | 88 s 419753 us | Timer@0116-0118: 0H-1M-28S-419753us<br><br>TOTAL: 0H-1M-28S-419753us |
| 10 | brainfuck-pi-nerf | AC | 4 s 665161 us | Timer@0116-0118: 0H-0M-4S-665161us<br><br>TOTAL: 0H-0M-4S-665161us |
| 11 | conv0 | AC | 14 s 642884 us | Timer@0109-0116: 0H-0M-14S-642884us<br><br>TOTAL: 0H-0M-14S-642884us |
| 12 | conv1 | AC | 27 s 127096 us | Timer@0109-0116: 0H-0M-27S-127096us<br><br>TOTAL: 0H-0M-27S-127096us |

| 13 | conv2 | AC | 21 s 120737 us | Timer@0109-0116: 0H-0M-21S-120737us<br><br>TOTAL: 0H-0M-21S-120737us |
|---|---|---|---|---|
| 14 | crypto-1 | AC | 2 s 314569 us | Timer@0161-0184: 0H-0M-2S-314569us<br><br>TOTAL: 0H-0M-2S-314569us |
| 15 | crypto-2 | AC | 1 s 880336 us | Timer@0161-0184: 0H-0M-1S-880336us<br><br>TOTAL: 0H-0M-1S-880336us |
| 16 | crypto-3 | AC | 2 s 509448 us | Timer@0161-0184: 0H-0M-2S-509448us<br><br>TOTAL: 0H-0M-2S-509448us |
| 17 | dead-code-elimination-1 | AC | 0 s 50 us | Timer@100016-100032: 0H-0M-0S-50us<br><br>TOTAL: 0H-0M-0S-50us |
| 18 | dead-code-elimination-2 | AC | 0 s 6668 us | Timer@100016-100032: 0H-0M-0S-6668us<br><br>TOTAL: 0H-0M-0S-6668us |
| 19 | dead-code-elimination-3 | AC | 0 s 466710 us | Timer@100016-100032: 0H-0M-0S-466710us<br><br>TOTAL: 0H-0M-0S-466710us |
| 20 | fft0 | AC | 8 s 620660 us | Timer@0060-0079: 0H-0M-8S-620660us<br><br>TOTAL: 0H-0M-8S-620660us |
| 21 | fft1 | AC | 18 s 450176 us | Timer@0060-0079: 0H-0M-18S-450176us<br><br>TOTAL: 0H-0M-18S-450176us |
| 22 | fft2 | AC | 17 s 749392 us | Timer@0060-0079: 0H-0M-17S-749392us<br><br>TOTAL: 0H-0M-17S-749392us |
| 23 | floyd-0 | AC | 0 s 81 us | Timer@0062-0064: 0H-0M-0S-81us<br><br>TOTAL: 0H-0M-0S-81us |
| 24 | floyd-1 | AC | 0 s 54206 us | Timer@0062-0064: 0H-0M-0S-54206us<br><br>TOTAL: 0H-0M-0S-54206us |
| 25 | floyd-2 | AC | 26 s 300571 us | Timer@0062-0064: 0H-0M-26S-300571us<br><br>TOTAL: 0H-0M-26S-300571us |
| 26 | gameoflife-gosper | AC | 23 s 611865 us | Timer@0095-0106: 0H-0M-23S-611865us<br><br>TOTAL: 0H-0M-23S-611865us |

| 27 | gameoflife-oscillator | AC | 20 s 832484 us | Timer@0095-0106: 0H-0M-20S-832484us<br><br>TOTAL: 0H-0M-20S-832484us |
|----|----|----|----|----|
| 28 | gameoflife-p61glidergun | AC | 21 s 5192 us | Timer@0095-0106: 0H-0M-21S-5192us<br><br>TOTAL: 0H-0M-21S-5192us |
| 29 | hoist-1 | AC | 0 s 103172 us | Timer@0121-0123: 0H-0M-0S-103172us<br><br>TOTAL: 0H-0M-0S-103172us |
| 30 | hoist-2 | AC | 101 s 509438 us | Timer@0121-0123: 0H-1M-41S-509438us<br><br>TOTAL: 0H-1M-41S-509438us |
| 31 | instruction-combining-1 | AC | 0 s 51683 us | Timer@10015-10030: 0H-0M-0S-51683us<br><br>TOTAL: 0H-0M-0S-51683us |
| 32 | instruction-combining-2 | AC | 13 s 140630 us | Timer@10015-10030: 0H-0M-13S-140630us<br><br>TOTAL: 0H-0M-13S-140630us |
| 33 | instruction-combining-3 | AC | 13 s 142371 us | Timer@10015-10030: 0H-0M-13S-142371us<br><br>TOTAL: 0H-0M-13S-142371us |
| 34 | integer-divide-optimization-1 | AC | 0 s 245696 us | Timer@1016-1031: 0H-0M-0S-245696us<br><br>TOTAL: 0H-0M-0S-245696us |
| 35 | integer-divide-optimization-2 | AC | 108 s 733746 us | Timer@1016-1031: 0H-1M-48S-733746us<br><br>TOTAL: 0H-1M-48S-733746us |
| 36 | median0 | AC | 7 s 331051 us | Timer@0059-0061: 0H-0M-7S-331051us<br><br>TOTAL: 0H-0M-7S-331051us |
| 37 | median1 | AC | 5 s 668580 us | Timer@0059-0061: 0H-0M-5S-668580us<br><br>TOTAL: 0H-0M-5S-668580us |
| 38 | median2 | AC | 43 s 578635 us | Timer@0059-0061: 0H-0M-43S-578635us<br><br>TOTAL: 0H-0M-43S-578635us |
| 39 | mm1 | AC | 9 s 557621 us | Timer@0065-0084: 0H-0M-9S-557621us<br><br>TOTAL: 0H-0M-9S-557621us |
| 40 | mm2 | AC | 8 s 590052 us | Timer@0065-0084: 0H-0M-8S-590052us<br><br>TOTAL: 0H-0M-8S-590052us |

| 41 | mv1 | AC | 8 s 486091 us | Timer@0059-0067: 0H-0M-8S-486091us<br><br>TOTAL: 0H-0M-8S-486091us |
|---|---|---|---|---|
| 42 | mv2 | AC | 5 s 39739 us | Timer@0059-0067: 0H-0M-5S-39739us<br><br>TOTAL: 0H-0M-5S-39739us |
| 43 | mv3 | AC | 6 s 358246 us | Timer@0059-0067: 0H-0M-6S-358246us<br><br>TOTAL: 0H-0M-6S-358246us |
| 44 | shuffle0 | AC | 8 s 287380 us | Timer@0078-0090: 0H-0M-8S-287380us<br><br>TOTAL: 0H-0M-8S-287380us |
| 45 | shuffle1 | AC | 11 s 35186 us | Timer@0078-0090: 0H-0M-11S-35186us<br><br>TOTAL: 0H-0M-11S-35186us |
| 46 | shuffle2 | AC | 4 s 302459 us | Timer@0078-0090: 0H-0M-4S-302459us<br><br>TOTAL: 0H-0M-4S-302459us |
| 47 | sort1 | AC | 1 s 570724 us | Timer@0090-0102: 0H-0M-1S-570724us<br><br>TOTAL: 0H-0M-1S-570724us |
| 48 | sort2 | AC | 22 s 101231 us | Timer@0090-0102: 0H-0M-22S-101231us<br><br>TOTAL: 0H-0M-22S-101231us |
| 49 | spmv1 | AC | 4 s 546648 us | Timer@0039-0047: 0H-0M-4S-546648us<br><br>TOTAL: 0H-0M-4S-546648us |
| 50 | spmv2 | AC | 2 s 923394 us | Timer@0039-0047: 0H-0M-2S-923394us<br><br>TOTAL: 0H-0M-2S-923394us |
| 51 | spmv3 | AC | 3 s 48113 us | Timer@0039-0047: 0H-0M-3S-48113us<br><br>TOTAL: 0H-0M-3S-48113us |
| 52 | stencil0 | AC | 0 s 48795 us | Timer@0023-0059: 0H-0M-0S-48795us<br><br>TOTAL: 0H-0M-0S-48795us |
| 53 | stencil1 | AC | 0 s 108945 us | Timer@0023-0059: 0H-0M-0S-108945us<br><br>TOTAL: 0H-0M-0S-108945us |
| 54 | transpose0 | AC | 4 s 730900 us | Timer@0028-0047: 0H-0M-4S-730900us<br><br>TOTAL: 0H-0M-4S-730900us |

| 55 | transpose1 | AC | 5 s 350232 us | Timer@0028-0047: 0H-0M-5S-350232us<br><br>TOTAL: 0H-0M-5S-350232us |
| --- | --- | --- | --- | --- |
| 56 | transpose2 | AC | 12 s 903805 us | Timer@0028-0047: 0H-0M-12S-903805us<br><br>TOTAL: 0H-0M-12S-903805us |
| 57 | mm3 | | - | |
| 58 | sl1 | | - | |
| 59 | sort3 | | - | |

# Compile Log

| Compile Command | javac -d /root/run/classes -encoding utf-8 -cp .:/coursegrader/dockerext/java-cup-11b-runtime.jar:/coursegrader/dockerext/antlr-4.8-complete.jar -sourcepath /coursegrader/submitdata /coursegrader/submitdata/src/Compiler.java /coursegrader/submitdata/src/FunctionalDebug.java /coursegrader/submitdata/src/DebugTools.java /coursegrader/submitdata/src/Main.java /coursegrader/submitdata/src/ir/Value.java /coursegrader/submitdata/src/ir/GlobalVar.java /coursegrader/submitdata/src/ir/Function.java /coursegrader/submitdata/src/ir/IRVerifyException.java /coursegrader/submitdata/src/ir/User.java /coursegrader/submitdata/src/ir/Parameter.java /coursegrader/submitdata/src/ir/GlobalModifitationStatus.java /coursegrader/submitdata/src/ir/Module.java /coursegrader/submitdata/src/ir/BasicBlock.java /coursegrader/submitdata/src/utils/Pair.java /coursegrader/submitdata/src/utils/StringUtils.java /coursegrader/submitdata/src/utils/LLVMDumper.java /coursegrader/submitdata/src/utils/INode.java /coursegrader/submitdata/src/utils/IList.java /coursegrader/submitdata/src/utils/CollectionTools.java /coursegrader/submitdata/src/utils/ChainMap.java /coursegrader/submitdata/src/utils/INodeOwner.java /coursegrader/submitdata/src/utils/IListException.java /coursegrader/submitdata/src/utils/Log.java /coursegrader/submitdata/src/utils/IListOwner.java /coursegrader/submitdata/src/utils/IteratorTools.java /coursegrader/submitdata/src/backend/Consts.java /coursegrader/submitdata/src/frontend/SysYParser.java /coursegrader/submitdata/src/frontend/SourceCodeSymbol.java /coursegrader/submitdata/src/frontend/SysYLexer.java /coursegrader/submitdata/src/frontend/IRGen.java /coursegrader/submitdata/src/frontend/SysYVisitor.java /coursegrader/submitdata/src/frontend/IRBuilder.java /coursegrader/submitdata/src/frontend/SemanticException.java /coursegrader/submitdata/src/frontend/SymbolTable.java /coursegrader/submitdata/src/frontend/SysYBaseVisitor.java /coursegrader/submitdata/src/ir/type/PointerIRTy.java /coursegrader/submitdata/src/ir/type/FunctionIRTy.java /coursegrader/submitdata/src/ir/type/SimpleIRTy.java /coursegrader/submitdata/src/ir/type/IRTypeException.java /coursegrader/submitdata/src/ir/type/ArrayIRTy.java /coursegrader/submitdata/src/ir/type/IRType.java /coursegrader/submitdata/src/ir/type/IRTyKind.java /coursegrader/submitdata/src/ir/inst/MemInitInst.java /coursegrader/submitdata/src/ir/inst/BrCondInst.java /coursegrader/submitdata/src/ir/inst/GEPInst.java /coursegrader/submitdata/src/ir/inst/IntToFloatInst.java /coursegrader/submitdata/src/ir/inst/LoadInst.java /coursegrader/submitdata/src/ir/inst/CallInst.java /coursegrader/submitdata/src/ir/inst/BinaryOpInst.java /coursegrader/submitdata/src/ir/inst/InstKind.java /coursegrader/submitdata/src/ir/inst/CAllocInst.java /coursegrader/submitdata/src/ir/inst/ReturnInst.java /coursegrader/submitdata/src/ir/inst/CmpInst.java /coursegrader/submitdata/src/ir/inst/Instruction.java /coursegrader/submitdata/src/ir/inst/BrInst.java /coursegrader/submitdata/src/ir/inst/UnaryOpInst.java /coursegrader/submitdata/src/ir/inst/PhiInst.java /coursegrader/submitdata/src/ir/inst/StoreInst.java /coursegrader/submitdata/src/ir/inst/FloatToIntInst.java /coursegrader/submitdata/src/ir/inst/BoolToIntInst.java /coursegrader/submitdata/src/ir/analysis/AnalysisInfoOwner.java /coursegrader/submitdata/src/ir/analysis/AnalysisInfo.java /coursegrader/submitdata/src/ir/constant/FloatConst.java /coursegrader/submitdata/src/ir/constant/IntConst.java /coursegrader/submitdata/src/ir/constant/ArrayConst.java /coursegrader/submitdata/src/ir/constant/BoolConst.java /coursegrader/submitdata/src/ir/constant/Constant.java /coursegrader/submitdata/src/ir/visitor/ConstantVisitor.java /coursegrader/submitdata/src/ir/visitor/ValueVisitor.java /coursegrader/submitdata/src/ir/visitor/InstructionVisitor.java /coursegrader/submitdata/src/pass/ir/FunctionInline.java /coursegrader/submitdata/src/pass/ir/ClearUnreachableBlock.java /coursegrader/submitdata/src/pass/ir/ConstantFold.java /coursegrader/submitdata/src/pass/ir/MergeDirectBranch.java /coursegrader/submitdata/src/pass/ir/RemoveTravialPhi.java /coursegrader/submitdata/src/pass/ir/IRPass.java /coursegrader/submitdata/src/pass/ir/IRPassManager.java /coursegrader/submitdata/src/pass/ir/SimpleGVN.java /coursegrader/submitdata/src/pass/ir/ConstructDominatorInfo.java /coursegrader/submitdata/src/pass/ir/ClearUselessFunction.java /coursegrader/submitdata/src/pass/ir/ClearUselessInstruction.java /coursegrader/submitdata/src/backend/codegen/CodeGenManager.java /coursegrader/submitdata/src/backend/regallocator/SimpleGraphColoring.java /coursegrader/submitdata/src/backend/regallocator/LivenessAnalysis.java /coursegrader/submitdata/src/backend/regallocator/BMap.java /coursegrader/submitdata/src/backend/regallocator/SimpleRegisterAllocator.java /coursegrader/submitdata/src/backend/regallocator/RegPool.java /coursegrader/submitdata/src/backend/regallocator/MemPool.java /coursegrader/submitdata/src/backend/regallocator/RegAllocator.java /coursegrader/submitdata/src/backend/arm/ArmInstUnary.java /coursegrader/submitdata/src/backend/arm/ArmInstMove.java /coursegrader/submitdata/src/backend/arm/ArmInstStore.java /coursegrader/submitdata/src/backend/arm/ArmInstLtorg.java /coursegrader/submitdata/src/backend/arm/ArmInstBinary.java /coursegrader/submitdata/src/backend/arm/ArmInstLoad.java /coursegrader/submitdata/src/backend/arm/ArmInstReturn.java /coursegrader/submitdata/src/backend/arm/ArmInst.java /coursegrader/submitdata/src/backend/arm/ArmFunction.java /coursegrader/submitdata/src/backend/arm/ArmBlock.java /coursegrader/submitdata/src/backend/arm/ArmInstFloatToInt.java /coursegrader/submitdata/src/backend/arm/ArmInstIntToFloat.java /coursegrader/submitdata/src/backend/arm/ArmInstBranch.java /coursegrader/submitdata/src/backend/arm/ArmInstCmp.java /coursegrader/submitdata/src/backend/arm/ArmInstCall.java /coursegrader/submitdata/src/backend/arm/ArmInstTernay.java /coursegrader/submitdata/src/backend/operand/FVirtualReg.java /coursegrader/submitdata/src/backend/operand/Operand.java /coursegrader/submitdata/src/backend/operand/FPhyReg.java /coursegrader/submitdata/src/backend/operand/Reg.java /coursegrader/submitdata/src/backend/operand/FImm.java /coursegrader/submitdata/src/backend/operand/IPhyReg.java /coursegrader/submitdata/src/backend/operand/Addr.java /coursegrader/submitdata/src/backend/operand/IVirtualReg.java /coursegrader/submitdata/src/backend/operand/Imm.java /coursegrader/submitdata/src/backend/operand/IImm.java /coursegrader/submitdata/src/frontend/info/CurrDefInfo.java /coursegrader/submitdata/src/frontend/info/FinalInfo.java /coursegrader/submitdata/src/frontend/folder/IntConstantFolder.java /coursegrader/submitdata/src/frontend/folder/CondFolder.java /coursegrader/submitdata/src/frontend/folder/FloatConstantFolder.java /coursegrader/submitdata/src/pass/ir/memory/ReplaceUnnecessaryLoad.java /coursegrader/submitdata/src/pass/ir/memory/MemCache.java /coursegrader/submitdata/src/pass/ir/memory/RemoveUnnecessaryArray.java /coursegrader/submitdata/src/pass/ir/memory/MemoryInfo.java /coursegrader/submitdata/src/pass/ir/memory/MemHandler.java /coursegrader/submitdata/src/pass/ir/memory/CollectMemoryDefinition.java /coursegrader/submitdata/src/pass/ir/memory/MemPosition.java /coursegrader/submitdata/src/pass/ir/dataflow/DataFlowInfo.java /coursegrader/submitdata/src/pass/ir/dataflow/ForwardDataFlowPass.java && cd /root/run/classes && jar xf /coursegrader/dockerext/java-cup-11b-runtime.jar && jar xf /coursegrader/dockerext/antlr-4.8-complete.jar && jar --create --file /root/run/compiler.jar --main-class Compiler -C /root/run/classes . |
| --- | --- |