得分62.75　最后一次提交时间:2022-08-20 15:19:32
Runtime Error

# Summary

| RE | Score(Functional Test) | 100 |
|---|---|---|
| | Time(Performance Test) | 331 s 869498 us |
| Git Clone Command | | |
| Last Commit At | - | |

# Detail

| Functional Test | 0 CE; 0 RE; 0 TLE; 0 WA; 140 AC | | | |
|---|---|---|---|---|
| No | Case Name | Status | Score | Log |
| 1 | add2 | AC | 1.163(cached) | |
| 2 | addc | AC | 1.163(cached) | |
| 3 | arr_defn2 | AC | 0.233(cached) | |
| 4 | arr_defn3 | AC | 0.233(cached) | |
| 5 | arr_defn4 | AC | 0.233(cached) | |
| 6 | arr_expr_len | AC | 0.233(cached) | |
| 7 | assign_complex_expr | AC | 1.163(cached) | |
| 8 | big_int_mul | AC | 1.163(cached) | |
| 9 | brainfk | AC | 1.163(cached) | |
| 10 | break | AC | 0.581(cached) | |
| 11 | calculator | AC | 1.163(cached) | |
| 12 | chaos_token | AC | 1.163(cached) | |
| 13 | color | AC | 1.163(cached) | |
| 14 | comment1 | AC | 1.163(cached) | |
| 15 | const_array_defn | AC | 0.388(cached) | |
| 16 | const_var_defn2 | AC | 0.388(cached) | |
| 17 | const_var_defn3 | AC | 0.388(cached) | |
| 18 | continue | AC | 1.163(cached) | |
| 19 | dijkstra | AC | 1.163(cached) | |
| 20 | div | AC | 1.163(cached) | |
| 21 | divc | AC | 1.163(cached) | |
| 22 | empty_stmt | AC | 1.163(cached) | |
| 23 | exgcd | AC | 1.163(cached) | |
| 24 | expr_eval | AC | 1.163(cached) | |
| 25 | float | AC | 1.163(cached) | |
| 26 | full_conn | AC | 1.163(cached) | |
| 27 | func_defn | AC | 0.581(cached) | |
| 28 | hanoi | AC | 1.163(cached) | |

| 29 | hex_defn | AC | 0.581(cached) |
|---|---|---|---|
| 30 | hex_oct_add | AC | 0.581(cached) |
| 31 | hidden_var | AC | 1.163(cached) |
| 32 | if_complex_expr | AC | 0.233(cached) |
| 33 | if_test2 | AC | 0.233(cached) |
| 34 | if_test3 | AC | 0.233(cached) |
| 35 | if_test4 | AC | 0.233(cached) |
| 36 | if_test5 | AC | 0.233(cached) |
| 37 | int_io | AC | 1.163(cached) |
| 38 | kmp | AC | 1.163(cached) |
| 39 | logi_assign | AC | 1.163(cached) |
| 40 | long_array | AC | 0.194(cached) |
| 41 | long_array2 | AC | 0.194(cached) |
| 42 | long_code | AC | 0.194(cached) |
| 43 | long_code2 | AC | 0.194(cached) |
| 44 | long_func | AC | 0.194(cached) |
| 45 | main | AC | 1.163(cached) |
| 46 | many_globals | AC | 0.145(cached) |
| 47 | many_locals | AC | 0.145(cached) |
| 48 | many_locals2 | AC | 0.145(cached) |
| 49 | many_params | AC | 0.145(cached) |
| 50 | many_params2 | AC | 0.145(cached) |
| 51 | matrix_add | AC | 0.233(cached) |
| 52 | matrix_mul | AC | 0.233(cached) |
| 53 | matrix_sub | AC | 0.233(cached) |
| 54 | matrix_tran | AC | 0.233(cached) |
| 55 | max_flow | AC | 1.163(cached) |
| 56 | mod | AC | 1.163(cached) |
| 57 | mul | AC | 1.163(cached) |
| 58 | mulc | AC | 1.163(cached) |
| 59 | n_queens | AC | 1.163(cached) |
| 60 | nested_calls | AC | 0.581(cached) |
| 61 | nested_loops | AC | 0.581(cached) |
| 62 | op_priority1 | AC | 0.233(cached) |
| 63 | op_priority2 | AC | 0.233(cached) |
| 64 | op_priority3 | AC | 0.233(cached) |
| 65 | op_priority4 | AC | 0.233(cached) |
| 66 | op_priority5 | AC | 0.233(cached) |

| 67 | percolation | AC | 1.163(cached) |
|---|---|---|---|
| 68 | register_alloc | AC | 1.163(cached) |
| 69 | rem | AC | 1.163(cached) |
| 70 | reverse_output | AC | 1.163(cached) |
| 71 | scope | AC | 1.163(cached) |
| 72 | scope2 | AC | 1.163(cached) |
| 73 | short_circuit | AC | 0.581(cached) |
| 74 | short_circuit3 | AC | 0.581(cached) |
| 75 | side_effect | AC | 0.581(cached) |
| 76 | skip_spaces | AC | 1.163(cached) |
| 77 | sort_test1 | AC | 0.145(cached) |
| 78 | sort_test2 | AC | 0.145(cached) |
| 79 | sort_test3 | AC | 0.145(cached) |
| 80 | sort_test4 | AC | 0.145(cached) |
| 81 | sort_test5 | AC | 0.145(cached) |
| 82 | sort_test6 | AC | 0.145(cached) |
| 83 | sort_test7 | AC | 0.145(cached) |
| 84 | stmt_expr | AC | 1.163(cached) |
| 85 | sub2 | AC | 1.163(cached) |
| 86 | subc | AC | 1.163(cached) |
| 87 | substr | AC | 1.163(cached) |
| 88 | unary_op | AC | 0.581(cached) |
| 89 | unary_op2 | AC | 0.581(cached) |
| 90 | var_defn2 | AC | 0.291(cached) |
| 91 | var_defn3 | AC | 0.291(cached) |
| 92 | var_defn_func | AC | 0.291(cached) |
| 93 | var_name | AC | 0.291(cached) |
| 94 | while_if | AC | 0.166(cached) |
| 95 | while_if_test1 | AC | 0.166(cached) |
| 96 | while_if_test2 | AC | 0.166(cached) |
| 97 | while_if_test3 | AC | 0.166(cached) |
| 98 | while_test1 | AC | 0.166(cached) |
| 99 | while_test2 | AC | 0.166(cached) |
| 100 | while_test3 | AC | 0.166(cached) |
| 101 | BFS | AC | 1.163(cached) |
| 102 | BST | AC | 1.163(cached) |
| 103 | DFS | AC | 1.163(cached) |
| 104 | DSU | AC | 1.163(cached) |

| No | Case Name | Status | Time | Log |
|---|---|---|---|---|
| 105 | LCA | AC | 1.163(cached) | |
| 106 | arr_init_nd | AC | 0.233(cached) | |
| 107 | array_only | AC | 1.163(cached) | |
| 108 | branch | AC | 1.163(cached) | |
| 109 | break_continue | AC | 0.581(cached) | |
| 110 | comment2 | AC | 1.163(cached) | |
| 111 | dct | AC | 1.163(cached) | |
| 112 | dp | AC | 1.163(cached) | |
| 113 | fp_params | AC | 1.163(cached) | |
| 114 | func_name | AC | 0.581(cached) | |
| 115 | global_arr_init | AC | 1.163(cached) | |
| 116 | graph_coloring | AC | 1.163(cached) | |
| 117 | json | AC | 1.163 | |
| 118 | k_smallest | AC | 1.163(cached) | |
| 119 | light2d | AC | 1.163(cached) | |
| 120 | long_line | AC | 0.194(cached) | |
| 121 | many_dimensions | AC | 0.145(cached) | |
| 122 | many_indirections | AC | 0.145(cached) | |
| 123 | many_params3 | AC | 0.145(cached) | |
| 124 | math | AC | 1.163(cached) | |
| 125 | matrix_multiply | AC | 0.233(cached) | |
| 126 | maximal_clique | AC | 1.163(cached) | |
| 127 | multi_branch | AC | 0.581(cached) | |
| 128 | multi_loop | AC | 0.581(cached) | |
| 129 | multiple_returns | AC | 1.163(cached) | |
| 130 | param_name | AC | 1.163(cached) | |
| 131 | prim | AC | 1.163(cached) | |
| 132 | ret_in_block | AC | 1.163(cached) | |
| 133 | rotate | AC | 1.163(cached) | |
| 134 | scope3 | AC | 1.163(cached) | |
| 135 | scope4 | AC | 1.163(cached) | |
| 136 | scope5 | AC | 1.163(cached) | |
| 137 | search | AC | 1.163(cached) | |
| 138 | side_effect2 | AC | 0.581(cached) | |
| 139 | sort | AC | 0.145(cached) | |
| 140 | union_find | AC | 1.163(cached) | |

| Performance Test | 0 CE; 0 RE; 3 TLE; 0 WA; 56 AC | | | |
|---|---|---|---|---|
| No | Case Name | Status | Time | Log |

| | | | |
|---|---|---|---|
| 1 | mul1 | TLE | - |
| 2 | mul2 | TLE | - |
| 3 | mul3 | TLE | - |
| 4 | bitset1 | AC | 0 s 428764 us |
| 5 | bitset2 | AC | 0 s 905449 us |
| 6 | bitset3 | AC | 1 s 282933 us |
| 7 | brainfuck-bootstrap | AC | 14 s 880311 us |
| 8 | brainfuck-mandelbrot-nerf | AC | 47 s 930924 us |
| 9 | brainfuck-pi-nerf | AC | 2 s 546677 us |
| 10 | call_1 | AC | 15 s 959814 us |
| 11 | call_2 | AC | 4 s 58907 us |
| 12 | call_3 | AC | 7 s 950175 us |
| 13 | crypto1 | AC | 1 s 232557 us |
| 14 | crypto2 | AC | 1 s 4668 us |
| 15 | crypto3 | AC | 1 s 326649 us |
| 16 | derich1 | AC | 0 s 13624 us |
| 17 | derich2 | AC | 0 s 13887 us |
| 18 | derich3 | AC | 0 s 13702 us |
| 19 | fabonacci-1 | AC | 0 s 696674 us |
| 20 | fabonacci-2 | AC | 0 s 430448 us |
| 21 | fabonacci-3 | AC | 1 s 824074 us |
| 22 | fft0 | AC | 6 s 622627 us |
| 23 | fft1 | AC | 14 s 163594 us |
| 24 | fft2 | AC | 13 s 680191 us |
| 25 | gameoflife-oscillator | AC | 15 s 211777 us |
| 26 | gameoflife-p61glidergun | AC | 15 s 679380 us |
| 27 | if-combine1 | AC | 1 s 660970 us |
| 28 | if-combine2 | AC | 2 s 541991 us |
| 29 | if-combine3 | AC | 4 s 146384 us |
| 30 | layernorm1 | AC | 1 s 980737 us |
| 31 | layernorm2 | AC | 1 s 981225 us |
| 32 | layernorm3 | AC | 1 s 982264 us |
| 33 | loop_array_1 | AC | 2 s 472579 us |
| 34 | loop_array_2 | AC | 4 s 885348 us |
| 35 | loop_array_3 | AC | 1 s 949128 us |
| 36 | matmul1 | AC | 6 s 130347 us |
| 37 | matmul2 | AC | 6 s 138101 us |
| 38 | matmul3 | AC | 6 s 117704 us |

| 39 | median0 | AC | 3 s 773054 us |
| 40 | median1 | AC | 2 s 124819 us |
| 41 | median2 | AC | 20 s 91512 us |
| 42 | mm1 | AC | 5 s 460264 us(cached) |
| 43 | mm2 | AC | 4 s 876225 us(cached) |
| 44 | mm3 | AC | 3 s 591697 us(cached) |
| 45 | mv1 | AC | 4 s 540349 us |
| 46 | mv2 | AC | 2 s 373454 us |
| 47 | mv3 | AC | 3 s 155078 us |
| 48 | shuffle0 | AC | 6 s 626894 us |
| 49 | shuffle1 | AC | 9 s 814542 us |
| 50 | shuffle2 | AC | 3 s 410061 us |
| 51 | sort1 | AC | 1 s 396254 us |
| 52 | sort2 | AC | 20 s 509237 us |
| 53 | sort3 | AC | 3 s 703587 us |
| 54 | spmv1 | AC | 3 s 412598 us |
| 55 | spmv2 | AC | 2 s 133091 us |
| 56 | spmv3 | AC | 2 s 109447 us |
| 57 | transpose0 | AC | 3 s 608730 us |
| 58 | transpose1 | AC | 3 s 902623 us |
| 59 | transpose2 | AC | 11 s 411398 us |

# 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/FunctionalProfile.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/GlobalModificationStatus.java /coursegrader/submitdata/src/ir/Module.java /coursegrader/submitdata/src/ir/BasicBlock.java /coursegrader/submitdata/src/utils/ReflectiveTools.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/LogFailException.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/InstructionCombiner.java /coursegrader/submitdata/src/pass/ir/ConstantFold.java /coursegrader/submitdata/src/pass/ir/FuseImmediatelyBranch.java /coursegrader/submitdata/src/pass/ir/GCM.java /coursegrader/submitdata/src/pass/ir/HoistGlobalArrayLoad.java /coursegrader/submitdata/src/pass/ir/BlockReorder.java /coursegrader/submitdata/src/pass/ir/IRPass.java /coursegrader/submitdata/src/pass/ir/FuseBasicBlock.java /coursegrader/submitdata/src/pass/ir/IRPassManager.java /coursegrader/submitdata/src/pass/ir/RemoveTrivialPhi.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/pass/ir/RemoveCurrDef.java /coursegrader/submitdata/src/pass/ir/GlobalVariableToValue.java /coursegrader/submitdata/src/pass/backend/BackendPassManager.java /coursegrader/submitdata/src/pass/backend/BackendPass.java /coursegrader/submitdata/src/pass/backend/Peephole.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/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/ArmInstParamLoad.java /coursegrader/submitdata/src/backend/arm/ArmInstStackLoad.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/ArmInstStackAddr.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/ArmInstStackStore.java /coursegrader/submitdata/src/backend/arm/ArmBlock.java /coursegrader/submitdata/src/backend/arm/ArmShift.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/ReplaceConstantArray.java /coursegrader/submitdata/src/pass/ir/memory/MemCache.java /coursegrader/submitdata/src/pass/ir/memory/RemoveUnnecessaryArray.java /coursegrader/submitdata/src/pass/ir/memory/MemPositionHandler.java /coursegrader/submitdata/src/pass/ir/memory/MemoryInfo.java /coursegrader/submitdata/src/pass/ir/memory/MemVariable.java /coursegrader/submitdata/src/pass/ir/memory/CollectMemoryDefinition.java /coursegrader/submitdata/src/pass/ir/memory/LocalArrayHoist.java /coursegrader/submitdata/src/pass/ir/dataflow/DataFlowInfo.java /coursegrader/submitdata/src/pass/ir/dataflow/BackwardDataFlowPass.java /coursegrader/submitdata/src/pass/ir/dataflow/ForwardDataFlowPass.java /coursegrader/submitdata/src/pass/ir/loop/LoopUnroll.java /coursegrader/submitdata/src/pass/ir/loop/LoopInvariantInfo.java /coursegrader/submitdata/src/pass/ir/loop/JustLoop.java /coursegrader/submitdata/src/pass/ir/loop/JustLoopBlockInfo.java /coursegrader/submitdata/src/pass/ir/loop/SimpleInvariantHoist.java /coursegrader/submitdata/src/pass/ir/loop/SimpilySSAForLoop.java /coursegrader/submitdata/src/pass/ir/loop/CanonicalLoop.java /coursegrader/submitdata/src/pass/ir/loop/LoopPass.java /coursegrader/submitdata/src/pass/ir/loop/InductionVariableReduce.java /coursegrader/submitdata/src/pass/ir/loop/FullyUnroll.java /coursegrader/submitdata/src/pass/ir/loop/CollectLoops.java /coursegrader/submitdata/src/pass/ir/loop/CollectAndTransformCanonicalLoops.java /coursegrader/submitdata/src/pass/ir/util/MultiBasicBlockCloner.java /coursegrader/submitdata/src/pass/ir/util/SimpleInstructionCloner.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 . |