Files in C++ Project 'CheckSearchAppQt', Checkpoint 'Baseline' [Base Directory: 'F:\SearchAppQt\'] (Printed on 22 Dec 2024)

File Name	Lines	Statements
mainWindow.cpp	181	128
ExponentialSearchVisualizer.cpp	85	71
InterpolationSearchVisualizer.cpp	84	66
TernarySearchVisualizer.cpp	81	65
FibonacciSearchVisualizer.cpp	82	64
SearchVisualizer.cpp	79	64
FibonacciSearcher.cpp	67	56
JumpSearchVisualizer.cpp	76	54
BinarySearchVisualizer.cpp	62	50
HashingSearcher.cpp	66	42
InterpolationSearcher.cpp	58	41
ExponentialSearcher.cpp	52	38
TernarySearcher.cpp	51	38
Reader.cpp	52	37
mainWindow.h	60	35
JumpSearcher.cpp	49	34
BinarySearcher.cpp	42	30
SearchContext.cpp	40	29
Searcher.cpp	48	28
SearchVisualizer.h	33	24
TimeCounter.cpp	37	23
LinearSearcher.cpp	33	23
NeedSortedSearcher.cpp	30	20
FileIO.cpp	27	20
Searcher.h	27	18
main.cpp	19	17
NeedSortedSearcher.h	28	16
HashingSearcher.h	22	14
TimeCounter.h	22	14
LinearSearchVisualizer.cpp	19	14
ExponentialSearchVisualizer.h	22	13
FibonacciSearchVisualizer.h	22	13
TernarySearchVisualizer.h	22	13
BinarySearchVIsualizer.h	21	12
InterpolationSearchVisualizer.h	21	12
JumpSearchVisualizer.h	21	12
ArrGenerator.cpp	16	11
RandomizeArrGenerator.cpp	16	11
FibonacciSearcher.h	17	9
Reader.h	17	9
SearchContext.h	17	9
BinarySearcher.h	16	9
ExponentialSearcher.h	16	9
InterpolationSearcher.h	16	9
JumpSearcher.h	16	9
LinearSearcher.h	16	9
TernarySearcher.h	16	9
ArrGenerator.h	16	8
AscendingArrGenerator.cpp	11	8
DescendingArrGenerator.cpp	11	8
LinearSearchVisualizer.h	14	6
FileIO.h	13	6
AscendingArrGenerator.h	11	4
DescendingArrGenerator.h	11	4
RandomizeArrGenerator.h	11	4

File Name	% Branches	% Comments
mainWindow.cpp	13.3	0.0
ExponentialSearchVisualizer.cpp	18.3	0.0
InterpolationSearchVisualizer.cpp	21.2	0.0
TernarySearchVisualizer.cpp	20.0	0.0
FibonacciSearchVisualizer.cpp	15.6	3.7
SearchVisualizer.cpp	9.4	0.0
FibonacciSearcher.cpp	17.9	6.0
JumpSearchVisualizer.cpp	14.8	0.0
BinarySearchVisualizer.cpp	18.0	0.0
HashingSearcher.cpp	14.3	0.0
InterpolationSearcher.cpp	22.0	0.0
ExponentialSearcher.cpp	18.4	0.0
TernarySearcher.cpp	18.4	0.0
Reader.cpp	16.2	0.0
mainWindow.h	0.0	0.0
JumpSearcher.cpp	17.6	0.0
BinarySearcher.cpp	16.7	0.0
SearchContext.cpp	6.9	0.0
Searcher.cpp	7.1	0.0
SearchVisualizer.h	0.0	0.0
TimeCounter.cpp	0.0	0.0
LinearSearcher.cpp	8.7	0.0
NeedSortedSearcher.cpp	10.0	0.0
FileIO.cpp	15.0	0.0
Searcher.h	0.0	0.0
main.cpp	0.0	0.0
NeedSortedSearcher.h	12.5	3.6
HashingSearcher.h	0.0	0.0
TimeCounter.h	0.0	0.0
LinearSearchVisualizer.cpp	14.3	0.0
ExponentialSearchVisualizer.h	0.0	0.0
FibonacciSearchVisualizer.h	0.0	0.0
TernarySearchVisualizer.h	0.0	0.0
BinarySearchVIsualizer.h	0.0	0.0
InterpolationSearchVisualizer.h	0.0	0.0
JumpSearchVisualizer.h	0.0	0.0
ArrGenerator.cpp	9.1	0.0
RandomizeArrGenerator.cpp	9.1	0.0
FibonacciSearcher.h	0.0	0.0
Reader.h	0.0	0.0
SearchContext.h	0.0	0.0
BinarySearcher.h	0.0	0.0
ExponentialSearcher.h	0.0	0.0
InterpolationSearcher.h	0.0	0.0
JumpSearcher.h	0.0	0.0
LinearSearcher.h	0.0	0.0
TernarySearcher.h	0.0	0.0
ArrGenerator.h	0.0	0.0
AscendingArrGenerator.cpp	12.5	0.0
DescendingArrGenerator.cpp	12.5	0.0
LinearSearchVisualizer.h	0.0	0.0
FileIO.h	0.0	0.0
AscendingArrGenerator.h	0.0	0.0
DescendingArrGenerator.h	0.0	0.0
RandomizeArrGenerator.h	0.0	0.0

File Name	Class Defs	Methods/Class
mainWindow.cpp	0	14.00
ExponentialSearchVisualizer.cpp	0	5.00
InterpolationSearchVisualizer.cpp	0	5.00
TernarySearchVisualizer.cpp	0	5.00
FibonacciSearchVisualizer.cpp	0	5.00
SearchVisualizer.cpp	0	7.00
FibonacciSearcher.cpp	0	4.00
JumpSearchVisualizer.cpp	0	5.00
BinarySearchVisualizer.cpp	0	5.00
HashingSearcher.cpp	0	6.00
InterpolationSearcher.cpp	0	4.00
ExponentialSearcher.cpp	0	4.00
TernarySearcher.cpp	0	4.00
Reader.cpp	0	4.00
mainWindow.h	1	0.00
JumpSearcher.cpp	0	4.00
BinarySearcher.cpp	0	4.00
SearchContext.cpp	0	5.00
Searcher.cpp	0	9.00
SearchVisualizer.h	1	0.00
TimeCounter.cpp	0	7.00
LinearSearcher.cpp	0	4.00
NeedSortedSearcher.cpp	0	4.00
FileIO.cpp	0	2.00
Searcher.h	1	0.00
main.cpp	0	0.00
NeedSortedSearcher.h	1	1.00
HashingSearcher.h	1	0.00
TimeCounter.h	1	0.00
LinearSearchVisualizer.cpp	0	2.00
ExponentialSearchVisualizer.h	1	0.00
FibonacciSearchVisualizer.h	1	0.00
TernarySearchVisualizer.h	1	0.00
BinarySearchVIsualizer.h	1	0.00
InterpolationSearchVisualizer.h	1	0.00
JumpSearchVisualizer.h	1	0.00
ArrGenerator.cpp	0	2.00
RandomizeArrGenerator.cpp	0	1.00
FibonacciSearcher.h	1	0.00
Reader.h	1	0.00
SearchContext.h	1	0.00
BinarySearcher.h	1	0.00
ExponentialSearcher.h	1	0.00
InterpolationSearcher.h	1	0.00
JumpSearcher.h	1	0.00
LinearSearcher.h	1	0.00
TernarySearcher.h	1	0.00
ArrGenerator.h	1	0.00
AscendingArrGenerator.cpp	0	1.00
DescendingArrGenerator.cpp	0	1.00
LinearSearchVisualizer.h	1	0.00
FileIO.h	1	0.00
AscendingArrGenerator.h	1	0.00
DescendingArrGenerator.h	1	0.00
RandomizeArrGenerator.h	1	0.00

File Name	Avg Stmts/Method	Max Complexity
mainWindow.cpp	6.3	11
ExponentialSearchVisualizer.cpp	12.0	8
InterpolationSearchVisualizer.cpp	11.0	9
TernarySearchVisualizer.cpp	10.8	11
FibonacciSearchVisualizer.cpp	10.6	10
SearchVisualizer.cpp	7.0	7
FibonacciSearcher.cpp	11.8	11
JumpSearchVisualizer.cpp	8.6	5
BinarySearchVisualizer.cpp	7.8	6
HashingSearcher.cpp	5.2	4
InterpolationSearcher.cpp	8.0	11
ExponentialSearcher.cpp	7.2	9
TernarySearcher.cpp	7.2	8
Reader.cpp	7.5	4
mainWindow.h	0.0	0
JumpSearcher.cpp	6.2	7
BinarySearcher.cpp	5.2	6
SearchContext.cpp	4.0	3
Searcher.cpp	1.7	2
SearchVisualizer.h	0.0	0
TimeCounter.cpp	1.7	1
LinearSearcher.cpp	3.5	3
NeedSortedSearcher.cpp	3.0	3
FileIO.cpp	7.5	3
Searcher.h	0.0	0
main.cpp	0.0	1
NeedSortedSearcher.h	4.0	3
HashingSearcher.h	0.0	0
TimeCounter.h	0.0	0
LinearSearchVisualizer.cpp	3.5	3
ExponentialSearchVisualizer.h	0.0	0
FibonacciSearchVisualizer.h	0.0	0
TernarySearchVisualizer.h	0.0	0
BinarySearchVIsualizer.h	0.0	0
InterpolationSearchVisualizer.h	0.0	0
JumpSearchVisualizer.h	0.0	0
ArrGenerator.cpp	3.0	2
RandomizeArrGenerator.cpp	6.0	2
FibonacciSearcher.h	0.0	0
Reader.h	0.0	0
SearchContext.h	0.0	0
BinarySearcher.h	0.0	0
ExponentialSearcher.h	0.0	0
InterpolationSearcher.h	0.0	0
JumpSearcher.h	0.0	0
LinearSearcher.h	0.0	0
TernarySearcher.h	0.0	0
ArrGenerator.h	0.0	0
AscendingArrGenerator.cpp	3.0	2
DescendingArrGenerator.cpp	3.0	2
LinearSearchVisualizer.h	0.0	0
FileIO.h	0.0	0
AscendingArrGenerator.h	0.0	0
DescendingArrGenerator.h	0.0	0
RandomizeArrGenerator.h	0.0	0

File Name	Max Depth	Avg Depth
mainWindow.cpp	3	0.95
ExponentialSearchVisualizer.cpp	3	1.39
InterpolationSearchVisualizer.cpp	4	1.61
TernarySearchVisualizer.cpp	3	1.49
FibonacciSearchVisualizer.cpp	4	1.55
SearchVisualizer.cpp	3	1.09
FibonacciSearcher.cpp	4	1.61
JumpSearchVisualizer.cpp	3	1.22
BinarySearchVisualizer.cpp	3	1.30
HashingSearcher.cpp	3	1.02
InterpolationSearcher.cpp	4	1.63
ExponentialSearcher.cpp	3	1.26
TernarySearcher.cpp	3	1.50
Reader.cpp	3	1.24
mainWindow.h	1	0.69
JumpSearcher.cpp	3	1.12
BinarySearcher.cpp	3	1.20
SearchContext.cpp	2	0.76
Searcher.cpp	2	0.61
SearchVisualizer.h	1	0.75
TimeCounter.cpp	1	0.52
LinearSearcher.cpp	3	0.91
NeedSortedSearcher.cpp	2	0.75
FileIO.cpp	2	0.90
Searcher.h	1	0.72
main.cpp	1	0.47
NeedSortedSearcher.h	4	1.12
HashingSearcher.h	1	0.71
TimeCounter.h	1	0.64
LinearSearchVisualizer.cpp	3	0.93
ExponentialSearchVisualizer.h	1	0.69
FibonacciSearchVisualizer.h	1	0.69
TernarySearchVisualizer.h	1	0.69
BinarySearchVIsualizer.h	1	0.67
InterpolationSearchVisualizer.h	1	0.67
JumpSearchVisualizer.h	1	0.67
ArrGenerator.cpp	2	0.64
RandomizeArrGenerator.cpp	2	0.64
FibonacciSearcher.h	1	0.44
Reader.h	1	0.56
SearchContext.h	1	0.67
BinarySearcher.h	1	0.44
ExponentialSearcher.h	1	0.44
InterpolationSearcher.h	1	0.44
JumpSearcher.h	1	0.44
LinearSearcher.h	1	0.44
TernarySearcher.h	1	0.44
ArrGenerator.h	1	0.50
AscendingArrGenerator.cpp	2	0.50
DescendingArrGenerator.cpp	2	0.50
LinearSearchVisualizer.h	1	0.33
FileIO.h	1	0.33
AscendingArrGenerator.h	1	0.25
DescendingArrGenerator.h	1	0.25
RandomizeArrGenerator.h	1	0.25

File Name	Avg Complexity	Functions
mainWindow.cpp	2.21	0
ExponentialSearchVisualizer.cpp	3.80	0
InterpolationSearchVisualizer.cpp	4.00	0
TernarySearchVisualizer.cpp	4.20	0
FibonacciSearchVisualizer.cpp	3.00	0
SearchVisualizer.cpp	1.86	0
FibonacciSearcher.cpp	3.50	0
JumpSearchVisualizer.cpp	2.60	0
BinarySearchVisualizer.cpp	2.80	0
HashingSearcher.cpp	2.00	0
InterpolationSearcher.cpp	3.50	0
ExponentialSearcher.cpp	3.00	0
TernarySearcher.cpp	2.75	0
Reader.cpp	2.50	0
mainWindow.h	0.00	0
JumpSearcher.cpp	2.50	0
BinarySearcher.cpp	2.25	0
SearchContext.cpp	1.40	0
Searcher.cpp	1.22	0
SearchVisualizer.h	0.00	0
TimeCounter.cpp	1.00	0
LinearSearcher.cpp	1.50	0
NeedSortedSearcher.cpp	1.50	0
FileIO.cpp	2.50	0
Searcher.h	0.00	0
main.cpp	1.00	1
NeedSortedSearcher.h	3.00	0
HashingSearcher.h	0.00	0
TimeCounter.h	0.00	0
LinearSearchVisualizer.cpp	2.00	0
ExponentialSearchVisualizer.h	0.00	0
FibonacciSearchVisualizer.h	0.00	0
TernarySearchVisualizer.h	0.00	0
BinarySearchVIsualizer.h	0.00	0
InterpolationSearchVisualizer.h	0.00	0
JumpSearchVisualizer.h	0.00	0
ArrGenerator.cpp	1.50	0
RandomizeArrGenerator.cpp	2.00	0
FibonacciSearcher.h	0.00	0
Reader.h	0.00	0
SearchContext.h	0.00	0
BinarySearcher.h	0.00	0
ExponentialSearcher.h	0.00	0
InterpolationSearcher.h	0.00	0
JumpSearcher.h	0.00	0
LinearSearcher.h	0.00	0
TernarySearcher.h	0.00	0
ArrGenerator.h	0.00	0
AscendingArrGenerator.cpp	2.00	0
DescendingArrGenerator.cpp	2.00	0
LinearSearchVisualizer.h	0.00	0
FileIO.h	0.00	0
AscendingArrGenerator.h	0.00	0
DescendingArrGenerator.h	0.00	0
RandomizeArrGenerator.h	0.00	0