Student Name	**Started On**	**Submitted On**
Dudekula Nasar Vali	23 Oct 2023 09:47 AM	29 Nov 2023 05:16 AM

85.09%	**100.00%**	**77.06**
Code Score	Code Accuracy	Code Quality

Code Maturity
91.67 of 100%

Maintainability	75.00
Reliability	100.00
Security	100.00
Vulnerabilities	100.00

Code Readability
87.25 of 100%

Testability	76.00
Understandability	93.00
Modularity	100.00
Explainability	80.00

Code Manageability
64.75 of 100%

Scalability	96.00
Stability	100.00
Productivity	63.00
Extensibility	0.00

Code Flexibility
62.50 of 100%

Changeability	0.00
Compatibility	63.00
Reusability	87.00
Availability	100.00

Severity
MINOR

Message
Move this file to a named package.

Effort
10min

Debt
10min

Severity
MINOR

Message
Add a new line at the end of this file.

Effort
1min

Debt
1min

Severity

BLOCKER

Message

Add or update the header of this file.

Effort

5min

Debt

5min

Severity

MAJOR

Message

There are 2 top-level types in this file; move all but one of them to other files.

Effort

10min

Debt

10min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 2 spaces instead of 3 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Explicitly declare the visibility for "ind".

Effort

5min

Debt

5min

Severity

MINOR

Message

Explicitly declare the visibility for "s".

Effort

5min

Debt

5min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 4 spaces instead of 7 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 2 spaces instead of 3 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 4 spaces instead of 7 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 6 spaces instead of 11 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity	
MINOR	

Message

Make this line start after 8 spaces instead of 15 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Extract this increment or decrement operator into a dedicated statement.

Effort

5min

Debt

5min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 4 spaces instead of 7 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Assign this magic number 2 to a well-named constant, and use the constant instead.

Effort

5min

Debt

5min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 6 spaces instead of 11 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 6 spaces instead of 11 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Replace this use of System.out or System.err by a logger.

Effort

10min

Debt

10min

Severity

MINOR

Message

Move this file to a named package.

Effort

10min

Debt

10min

Severity

MINOR

Message

Add a new line at the end of this file.

Effort

1min

Debt

1min

Severity

BLOCKER

Message

Add or update the header of this file.

Effort

5min

Debt

5min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MAJOR

Message

Add a private constructor to hide the implicit public one.

Effort

5min

Debt

5min

Severity

MINOR

Message

Make this line start after 2 spaces instead of 3 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 4 spaces instead of 7 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Remove this useless assignment to local variable "!unknown!".

Effort

15min

Debt

15min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 6 spaces instead of 11 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Remove this useless assignment to local variable "!unknown!".

Effort

15min

Debt

15min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MAJOR

Message

Remove this unused method parameter "args".

Effort

5min

Debt

5min

Severity

MINOR

Message

Make this line start after 4 spaces instead of 7 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Remove this useless assignment to local variable "!unknown!".

Effort

15min

Debt

15min

Severity

MAJOR

Message

Remove this useless assignment to local variable "!unknown!".

Effort

15min

Debt

15min

Severity

MAJOR

Message

Remove this useless assignment to local variable "!unknown!".

Effort

15min

Debt

15min

Severity

MAJOR

Message

Remove this useless assignment to local variable "!unknown!".

Effort

15min

Debt

15min

Severity

MINOR

Message

Move this left curly brace to the beginning of next line of code.

Effort

1min

Debt

1min

Severity

MINOR

Message

Make this line start after 6 spaces instead of 11 in order to indent the code consistently. (Indentation level is at 2.)

Effort

1min

Debt

1min

Severity

MAJOR

Message

Replace this use of System.out or System.err by a logger.

Effort

10min

Debt

10min