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Abstract class names should comply with a naming convention

Code Smell

Strings literals should be placed on the left side when checking for equality

Code Smell

Files should contain an empty newline at the end

Code Smell

Source code should be indented consistently

Code Smell

A close curly brace should be located at the beginning of a line

Code Smell

Close curly brace and the next "else", "catch" and "finally" keywords should be on two different lines

Code Smell

Close curly brace and the next "else", "catch" and "finally" keywords should be located on the same line

Code Smell

An open curly brace should be located at the beginning of a line

Code Smell

An open curly brace should be located at the end of a line

Code Smell

Tabulation characters should not be used

Code Smell

Functions should not be defined with a variable number of arguments

Code Smell

Local variables should not be declared and then immediately returned or thrown

Analyze your code

Code Smell

Minor

Quick Fix

clumsy

Declaring a variable only to immediately return or throw it is a bad practice.

Some developers argue that the practice improves code readability, because it enables them to explicitly name what is being returned. However, this variable is an internal implementation detail that is not exposed to the callers of the method. The method name should be sufficient for callers to know exactly what will be returned.

Noncompliant Code Example

```
public long computeDurationInMilliseconds() {
    long duration = ((hours * 60) + minutes) * 60 + seconds ;
    return duration;
}

public void doSomething() {
    RuntimeException myException = new RuntimeException();
    throw myException;
}
```

Compliant Solution

```
public long computeDurationInMilliseconds() {
    return ((hours * 60) + minutes) * 60 + seconds ) * 1000 ;
}

public void doSomething() {
    throw new RuntimeException();
}
```

Available In:

sonarlint

sonarcloud

sonarqube

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https://rules.sonarsource.com/java/RSPEC-1488

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