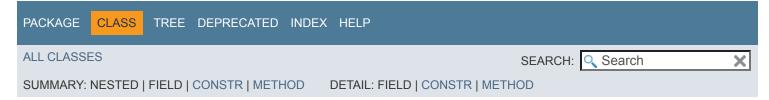
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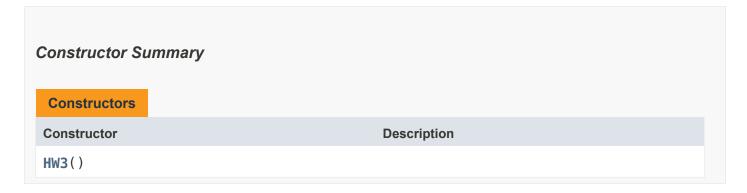


Class HW3

java.lang.Object HW3

public class HW3
extends java.lang.Object

HW3 - Automated Test Application This application contains five standalone tests for password evaluation, utilities, policy enforcement, and history tracking. Each test runs as a simple mainline without JUnit. Author: Anshika Rai Date: 26th March 2025



Method Summary			
All Metho	ods Static Methods	s Concrete Met	hods
Modifier and Type	Method		Description
static void	<pre>main(java.lang.St</pre>	tring[] args)	Entry point to run all five automated tests.
static void	testMissingSpecialCharacter()		Test: PasswordUtils.containsSpecialCharacter() should return false for a password that lacks special characters.
static void	c testMultiplePolicyViolations()		Test: PasswordPolicyEnforcer.enforce() should return multiple violations for a very weak password that breaks several rules.
static void	tatic testPasswordReuseDetection() oid		Test: PasswordHistoryManager should detect when a password is reused.

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PACKAGE CLASS TREE DEPRECATED INDEX HELP

ALL CLASSES SEARCH:

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

Test. I assword of the should should

void return false for short passwords.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString,
wait, wait

Constructor Detail

HW3

public HW3()

Method Detail

main

public static void main(java.lang.String[] args)

Entry point to run all five automated tests.

testPasswordStrengthEvaluator

public static void testPasswordStrengthEvaluator()

Test: PasswordStrengthEvaluator.evaluate() should return "Strong" for a complex password with all required characteristics.

testMissingSpecialCharacter

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PACKAGE CLASS TREE DEPRECATED INDEX HELP

ALL CLASSES SEARCH:

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

testMultiplePolicyViolations

public static void testMultiplePolicyViolations()

Test: PasswordPolicyEnforcer.enforce() should return multiple violations for a very weak password that breaks several rules.

testPasswordReuseDetection

public static void testPasswordReuseDetection()

Test: PasswordHistoryManager should detect when a password is reused.

testShortPasswordLength

public static void testShortPasswordLength()

Test: PasswordUtils.isValidLength() should return false for short passwords.

PACKAGE CLASS TREE DEPRECATED INDEX HELP

ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD