# COMP311 Static Code Analysis exercise

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1. In the Checkstyle violations view, double-click the two violations noted in **step 10** to find the two occurrences of this problem. One occurs in class **UserPrompter** in method **getYesNoAnswer()**. Where does the other appear:

* 1. Class Ticket Method Ticket()
  2. How would you improve the code in the method you just named?

A screenshot of a computer

Description automatically generated

1. What is the most common type of violation still reported by Checkstyle?

* 1. There are 24 occurrences of ‘X’ hides a field

* 1. Can you figure out how to disable checking for this violation?

What module ( Checkstyle category ) Coding Problems and

specific check Hidden Fields must you ignore?

1. How did you change the code to remove the violation in step 13? Copy the improved line(s) of code here:

if (answer == null)

{

return false;

}

char ans = answer.toUpperCase().charAt(0);

if (ans == 'Y')

{

return true;

}

Page 1 of 2

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1. There is one occurrence of an inline conditional.
   1. What operator is an inline conditional? ?: Hint: give the operator symbols

* 1. Why is using the inline operator considered poor form?

(Give and explanation or name the ISO 9126 quality characteristic it offends)

1. In the Checkstyle violations view, double-click the Cyclomatic complexity violation, to see the list of occurrences of this problem. Where does it occur?

* 1. What is the class name Manifest and method name main()

* 1. What is the cyclomatic number reported for this method? 6

* 1. Does the reported cyclomatic number agree with the complexity calculated using the technique given in class?

Circle: Yes or No

If no, what number did you calculate by manually

Page 2 of 2