



Code Review Template

This template is to be completed and submitted by the Reviewer.

Names of the Reviewer: **Davis Allan**

Name of the developer being reviewed: **Mike Lasby**

Category	Comments /questions about of the reviewing group about the design documents	Responses by the developer (if any)
Spelling Mistakes	Board.java <ul style="list-style-type: none">Line 92 – @return tag has a “:” that is not required. IDE flags it as “wrong tag”Line 179 – incorrect spelling of hyphens, was spelled as “hypens”	<ul style="list-style-type: none">Agreed and noted.Agreed and noted.
Naming issues	Variables and methods all have clear names and follow conventions, nice work!	
SOLID Principle Violations	Board.java <ul style="list-style-type: none">checkWinner() is very long with quite similar loops, should look into refactoring this into smaller methods to ensure following the Single Responsibility principle. BlockingPlayer.java <ul style="list-style-type: none">testForBlocking() is very long, consider factoring out the different loops into individual methods and this will also help get rid of duplicated code fragments SmartPlayer.java <ul style="list-style-type: none">testForWinner() – same issue as above in BlockingPlayer.java	<ul style="list-style-type: none">I agree. This should be split up.I agree. This should be split up.I agree. This should be split up.

	Game.java <ul style="list-style-type: none"> create_player() is also very long, and has several responsibilities. Could investigate factoring out all the prompts/ input handling into various smaller methods, such as one method to get user input/handle errors, one to display menu options, etc. to ensure following Single Responsibility principle 	<ul style="list-style-type: none"> Agreed!
Lack of documentation	Board.java <ul style="list-style-type: none"> Line 127-165 – no comments inside the method explaining what the loops are doing Line 6 - @author tag has a “:” that is not required. IDE flags it as “wrong tag” Line 8 - @version tag has a “:” that is not required. IDE flags it as “wrong tag” Game.java <ul style="list-style-type: none"> IDE is flagging the class Javadoc comment as being “dangling”. Meaning it is not located directly above the class declaration Line 28 – throws tag description missing Line 73 – throws tag description missing SmartPlayer.java: <ul style="list-style-type: none"> @author, @since, and @version all have “:” that are not required. IDE flags it as “wrong tag” 	Noted and agree with all.
Clean Code	BlockingPlayer.java <ul style="list-style-type: none"> Line 34 – unnecessary return since it is the last line in a void method 	Noted.
Security	No issues	
Performance	No issues	

General	HumanPlayer.java: <ul style="list-style-type: none">Line 36 – redundant call to printf, should just call print() since no string formatting is occurring	Agreed! Thanks Davis!
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Review aided by the following checklist: <https://dzone.com/articles/java-code-review-checklist>