

Code Review

Student Name	Aishwarya Srivastava
Student Roll Number	20171046
Code Review of Project	Mario Game
Number of lines reviewed	841
Number of Classes	16
Number of Methods	59
Number of Bugs identified	2
Number of Code Smells identified	7

Bug Number	Short Description
#1	Bullets pass through bricks.
#2	Enemies walk over water

Code Smell	Short Description
#1	Long method - check path.
#2	Conditional Complexity - inside check_path function.
#3	Large Class - Board.
#4	Uncommunicative names - some of the temporary variables have uncommunicative names.
#5	Dead Code - Unused function in element classes.
#6	Alternative Classes with Different Interfaces