**6 Angry Devs’ Coding Standards**

1. **Indentation**

a. All lines within a code block should be indented (doesn’t matter whether

its tabs or spaces)

1. Example: for(int i = 0; i < 5; i++){ (**\_\_\_** represents the indent of the block)

**\_\_\_**time += Time.deltaTime;

/\* This

\* Is also indented

/\*

}

b. All nested code blocks should also be indented (using same indentations throughout the entire file)

1. Example: for(int i = 0; i < 5; i++){ (**\_\_\_** represents the indent of the block)

**\_\_\_**time += Time.deltaTime;

// This is also indented

for(int j = 0; j < 5; j++){

**\_\_\_**//Same amount of indentation for this nested block too

/\*

\*

/\*

}

}

2. **Code blocks**

a. All code blocks should be commented (at least stating what the block is for)

1. Example: // This will initialize the starting health to the max health value

Void Start(){

healthStart = maxHealth;

}

b. All block comments should be indented at the same level as the code surrounding it.

1. Example: for(int i = 0; i < 5; i++){

time += Time.deltaTime;

/\* This

\* Is

\* A

\* Comment

\*/

}

3. **Lines**

a. No more than one statement per line

1. **Bad** Example: startTime = (Time.time+30);startPos = transform.position;
2. **Good** Example: startTime = (Time.time+30);

startPos = transform.position;

b. No line should be over 100 characters

4. **Naming**

a. One-character variable names should only be used in loops or for temporary variables

1. Example: for(int i = 0; i < 5; i++){ }

b. We won’t be strict with naming conventions, but all names for classes and functions should represent what they are used for

1. Example: BoatMove\_func (Might take in input, and move the boat based on that input)

c. Constants should however be in all CAPS.

1. Example: const double PI = 3.14159;

d. All file names should contain the initials of who created it or be placed

Within a folder of your initials.

1. Example file name: JMTestScript
2. Example folder: SL -> MenuScript

5. **Braces**

a. Braces are used with if, else, for, do and while statements, even when the body is empty or contains only a single statement.

1. Example: for{ }
2. Another Ex: if{

}

6. **Error Handling**

1. Print out a statement to standard output/console signifying the error or exception. And terminate the process immediately.
2. Example: Console.WriteLine( “Index is out of range: {0}”, index);

Enviroment.Exit(0);