# Observations about Assignment 1

First of all, **well done** on completing your first assignment.

The points below are meant to be constructive for future assignments to prevent you making mistakes.

# Reflection

It is clear that people think they just need to get it working. We warned about the importance of the reflection. That includes marking. If you don’t take this seriously, you will be disappointed! The reflection gives you the opportunity to show your learning and **justify your mark.**

That’s primarily what we looked at when correcting. So, if you have wonderful code and a poor reflection, you now know why you don’t have a wonderful mark. Don’t make that mistake again please.

Reflection should detail specifically what each type of each element is. E.g. not good enough to say I have 3 loops on line x,y,z.

You need to be explicit

“

line x show use of a for loop

line y show use of a while loop

line z is **nested** – leaving this out loses marks.

“

Detail more than is needed. Summarise at the end to show how you get the mark awarded.

# Constraints

Ignore at your peril.

As stated in the spec, **we gave you the equivalent of .3 for the interview** for using code that we haven’t covered without permission. Clarifications are given on Slack. Ignore Slack at your peril. You are part of a team. This is where we communicate. Get involved.

# String Methods

JOptionPane(), text(), use strings but are not considered string methods.

Java String Class – methods e.g. length(), toUpperCase(), toLowerCase(), subString()

# if v if with multiple branches

if (x<4){

}

if (x<9){

}

if (x<13){

}

if (x<4){

} else if (x<9){

} if (x<13){

} else {

}

# Nesting

if (mousePressed){

if (x<3){

}

}

for (int row=0; row<3 ; x++) {

// row

for (int col=0; col<3 ; x++) {

// show each col

}

}

# Indentation

Can everyone use **autoformat** please to see how indenting should look.

# Console

Console output is not acceptable. Printing to console not really part of the program – the user can’t see it only the developer.

text(); to output to your program.

Strings used made no sense to the program just trying to meet the Rubric

# Methods

using, calling.

Using = mousePressed().

Calling = ellipse()

# TIP

surface.setLocation(0, 0);

# OTHER

I’m hope I never see another drawing of flowers, clouds, stickmen and bouncing balls!