**Assignment B**

**Fizz Buzz**

This is a primary school children’s game. Children count but do not say any multiple of 3, they say Fizz instead. With multiples of 5 they say Buzz. If the number is a multiple of both 3 and 5 they say FizzBuzz. Create a function which does this.

For example fizzbuzz(20) would output

1,2,fizz,4,buzz,fizz,7,8,fizz,buzz,11,fizz,13,14,fizzbuzz,16,17,fizz,19,buzz

Note this is quite hard to do and has been used in interviews for programming jobs. Competent programmers should be able to write this in 5 minutes.

**Hint**

* you need if statements and modulo to do this
* the order they are interpreted is important.
* Don’t print directly in your function, create a variable to output so it can be changed depending on the if statements. By doing this you are making a function which can be used in a variety of ways (is can be printed on the console or a text file or it can be used to help build other strings or list)

You must also complete the Program Documentation and Feedback sheet and you must use comments in your code.

Good programmers always document their code and the processes around their code. Even at this early stage of your learning you need to get into the habit of documenting your code.

Your code must contain comments. At the very least you should have a header section in your code with your name, student number, assignment number and unit code.