Assignment 3

Due 30 September 7:59am

1 Problem 1

Fizz Buzz Write a program that prints the numbers from 1 to 100. But for multiples of three print "Fizz"instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".

2 Problem 2

Letters Write a program that endlessly reads in letters from the user and then responds whether or not they are a vowel or consonant.

3 Problem 3

Average Write a program that averages n numbers. That is, first receive as inut from the user how many numbers there are to enter, read the numbers in, and then print out their average.

4 Bonus: 10pts

Pyramid Write a program that outputs a pyramid of asterisks as shown below. Do so "dynamically"so that the user can enter a number between 10 and 20 for the number of stars at the base of the pyramid. *Hint: You may find it convenient to use nested while loops.*

```
    *
   ***
  *****
 *******
*********
```