- If you have questions during this lab do not hesitate to ask your lab demonstrator.
- All classes **must** have comments at the beginning with your name and student number.

1. Consider the solution given for question 4 in TestA on the course web page:

```
import java.util.Scanner;
public class     Program4
{ public static void main (String[] args)
    {
        Scanner kb = new Scanner(System.in);
        System.out.println("Enter 10 words");
        for (int i=0;i<10;i++){
            String word = kb.next().toLowerCase();
            String newWord = "";
            for (int j=0;j<word.length();j++){
                if (word.charAt(j)=='a'|| word.charAt(j)=='e'||
                    word.charAt(j)=='i'|| word.charAt(j)=='o'||
                    word.charAt(j)=='u')
                { // do nothing
                }
                else {
                    newWord+=word.charAt(j);
                }
            }
            System.out.println(newWord);
        }
    }
}
```

Rewrite this program so the main method becomes:

```
public static void main (String[] args)
    {
        Scanner kb = new Scanner(System.in);
        System.out.println("Enter 10 words");
        for (int i=0;i<10;i++){
            String word = getNextWord(kb);
            word = replaceVowels(word);
            displayResult(word);
        }
```

To do this you must develop the methods indicated: `getNextWord(…)`, `replaceVowels(…)`, and `displayResult(…)`;

2. Write a program DiceRolls that simulates the rolling of two dice 1000 times. Your program must display the number of times doubles appear (two 1's, two 2's, two 3's, etc), and then all others combined. There will be 3 lines of output:
   Sample output:

Result	Frequency
Doubles	120
Other	880

Submit the two java files, `Program4.java` and `DiceRolls.java` via email to **your lab section** with **Subject** `Lab6`. E.g. if you are registered in lab ACS-1903L-070 then the email address to send to is 1903L-070@acs.uwinnipeg.ca