Exercise 1:

```java
package com.copmany;

public class Ass1 {

    public static void main(String[] args) {

        // Assignment 1 for Lecture 1
        int grade = 62;

        // if user grades is 88 or more round it to 90
        if (grade >= 88) {
            grade = 90;
            System.out.println("The grade is after rounding: " + grade);
        }

        // if the grade is 87 keep it
        if (grade == 87) {
            System.out.println(grade);
        }

        // if user grade 63 round it to 65
        if (grade == 63) {
            grade = 65;
            System.out.println("The grade is after rounding: " + grade);
        }

        // if 62 keep it
        if (grade == 62) {
            System.out.println(grade);
        }


    }
}
```

Exercise 2:

```java
package com.copmany;

public class Ass2 {

    public static void main(String[] args) {

        // Assignment 2 for Lecture 1

        for( int i = 1; i <= 100; i++){
            if ( i % 3 == 0){
                System.out.println("The number is " + i + " Fizz");
            }
            if ( i % 5 == 0){
                System.out.println("The number is " + i + " Buzz");
            }
            if ( i % 3 == 0 && i % 5 == 0){
                System.out.println("The number is " + i + " FizzBuzz");
            }
        }

    }
}
```

Exercise 3:

```java
package com.copmany;

public class Ass3 {

    public static boolean isVowel(char c1) {
        c1 = Character.toUpperCase(c1);
        return (c1 == 'A' || c1 == 'E' || c1 == 'U' || c1 == 'O' || c1 ==
'I');
    }

    public static int countVowels(String s1) {
        int count = 0;
        for (int i = 0; i < s1.length(); i++) {
            if (isVowel(s1.charAt(i))) {
                ++count;
            }
        }
        return count;
    }

    public static void main(String[] args) {

        String name = "haneen alrewaished";
        System.out.println("The number of vowels is : " +countVowels(name));

    }
}
```

Exercise 4:

```java
package com.copmany;

public class Ass4 {

    public static int Max(int num1, int num2){
        int max=0;
        if (num1 > num2){
            max = num1;
        } if ( num2 > num1){
            max = num2;
        }
        return max;
    }
    public static void main(String[] args) {

        int number1 = 10;
        int number2 = 15;
        System.out.println("The Maximum number is " + Max(number1,number2));
    }
}
```