

Spring: Exam 1 Corrections

- 1) Write a Java class that prints the following. (10 points)

Hola mundo!

```
public Class Any{  
    public static void main(String[] args){  
        System.out.println("Hola Mundo!");  
    }  
}
```

- 2) Write a method named "counter" that takes two integers, A and B, and prints the numbers from A to B. (20 points)

```
public static void counter(int a, int b){  
    if(a<b){  
        for(int i=a; i<=b;i++){  
            System.out.println(i);}  
        else{for(int i=a; i>=b;i--){  
            System.out.println(i);}  
        }  
}
```

- 3) Write some Java code that will fill an array with the numbers from 10 to 100. (20 points)

```
int[] any=new int[91];  
for(int i=0;i<91;i++){  
    any[i]=i+10;}  
}
```

- 4) Write a method named "average" that will return the average value of an integer array.

It should return a double. (20 points)

```
public static double average(int[]name){
int sum=0
    for(int i=0;i<name.length;i++){
        Sum= Sum + name[i];}
    return((float) sum)/name.length;}

```

5) Draw the truth table for OR and XOR. (10 points)

Table 1: My caption

OR	T	F
T	F	T
F	T	F

Table 2: My caption

OR	T	F
T	T	F
F	F	F

6) Write a method for the XOR operator named "xor". It should take two booleans as arguments and return a boolean. (20 points)

```
public static boolean XOR(boolean a, boolean b){
    if(a==b){return false;}
    else{return true;}
    return(!(a&&b))&&(a/b

```

7) Explain how to compile and run a program "hello.java" from the command line. (10 points)

```
java c hello.java
java hello

```