

Spring: Exam 1

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

Hola mundo!

```
public class Hola
{
    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);}
    }
}
```

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

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

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"Hola
mundo!".

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```

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

```

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

Or	T	F	Xor	T	F
T	T	T	T	F	T
F	T	F	F	T	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 hello. java > compile that generates hello.class file
java hello > run the code

```

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B. Then if
and B are
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false else
return tru