CIS 255 - Java Programming
Homework #4 (Notes)
ifthen

Name:			
Date:			

1. Given the following values for boolean variables m, n, o, p, evaluate each condition.

2. Do a hand simulation of each program.

```
a.) public class ExampleHK4Q2a {
    public static void main(String args[]) {
        int beta = 8;
        int gamma = 7;
        int sigma = 10;

        if (beta < sigma) {
            gamma += 3;
        }

        if (sigma >= gamma && beta > sigma) {
            System.out.println(gamma);
        } else {
            System.out.println(beta);
        }

        System.out.println(beta + "" + gamma + "" + sigma);
    }
}
```

Memory	Screen	
beta		_
gamma		
sigma		

```
b.)
    public class ExampleHK4Q2b {
          public static void main(String args[]) {
            int phi = 1;
             int kappa = 2;
              if (kappa < ++phi) {
                 phi--;
              } else if (phi == kappa) {
                 kappa -= phi;
                 phi--;
              System.out.println(phi + "" + kappa);
          }
      }
```

Memory

phi





kappa

Screen

10