

**ESE112 – Fall 2007**  
**Practice miscellaneous problems**

1. What will be printed when following code is executed?

```
for (int i = 0; i <= 20; i++) {  
    if (i%2 == 0) {  
        continue;  
    }  
    System.out.println(i);  
}
```

2. Determine how many times the body of the loop is executed. Write one of the following answers: 0, 1 or infinite

```
int x = 1;  
do{  
    x = x * 2;  
}while( x >= 8);
```

3. What will be printed after the following code is executed?

```
for (int i = 1; i <=15; i++){  
    if(i + 1 < 6){  
        System.out.println(i);  
        continue;  
    }  
    if(i % 8 == 0){  
        break;  
    }  
    System.out.println('X');  
}
```

4. What is value of “x” after the following code is executed?

```
> int y = 6;  
> int z = y--;  
> int x = y + z++;  
> x
```

Answer: