

CS 102: Quiz #7, October 28, 2009

SOLUTION

1. Consider the following Java program

```
public class TestExceptions{
    public static void main (String[] args){
        String[] stArray = new String[3];
        stArray[0] = new String("Help");
        stArray[1] = new String("Zebra");
        int[] numArray = {15,2,12};
        int[] denArray = {5,0,6};
        for (int i=0; i<3; i++){
            try{
                System.out.println(numArray[i] / denArray[i]);
                System.out.println(stArray[i].charAt(0));}
            catch (ArithmeticException e){
                System.out.println("Don't divide by zero.");}
            finally{
                System.out.println("Pass " + i);}
        }
    }
}
```

What is the output to the screen?

Solution:

```
3
H
Pass 0
Don't divide by zero.
Pass 1
2
Pass 2
Exception in thread "main" java.lang.NullPointerException
    at TestExceptions.main(TestExceptions.java:11)
```