**Assignment No. 4**

**GRN:**

**Name of the Student:**

**Roll No.:**

**Class:**

**Division:**

**Batch:**

**Problem Statement**

Write a Java program for following exception, develop a suitable scenario in which the following exceptions occur:

* 1. divide by zero
  2. Array index out of bounds exception
  3. Null pointer Exception

**Sample Input and Output**

| **Sample Input/Parameter** | **Expected Output** |
| --- | --- |
| Try to divide a number by zero | You shouldn’t divide a number by zero. |
| Try to access the array index which does not exist. | OOPs!!!Array Index 7 out of bounds for length 6. |
| Try to find the length of String in method (pass parameter string as null) | Null Pointer Exception arises!! |

| **Add your code here**  **Expected Output:** |
| --- |