**Videoslots Test Assessment**

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**Description Overview:** This document is regarding technical challenge for Software QA Specialist to work with Videoslots

**Task1 Description:**

Given the below distinct requirements:

1. Create a function that takes an array of numbers as a parameter and returns the number of values that are a multiplier of either 4 or 6(or, of course both)

**Solution Steps as follows:**

1. The script is handled in core Java

2. Created a file with reusable functions – NumericalOperations.java

* countOfDivisible – could be used for just 4 or just 6 or any other number
* countOfDivisibleByTwoNumbers

3. Created another file for Input data handling reusable functions -InputDataHandlingUtilities.java

* inputFromExcel
* writeBooleanToExcel
* writeIntegerToExcel

4. Created an input excel with possible combinations to test the Divisible method functionality – attached the same – InputOutput.xlsx

5. Created a java file – DivisibleCheckProgram.java

- Gets the input from the InputOutput.xlsx and checks all possible combinations for the method – countofDivisibleByTwoNumbers

- Update the test result to InputOutput.xlsx with the count of the divisibles

6. This package is executed by using any IDE with java standard installation