Test Plan Document for Function

## **Objectives:**

Given a range of inputs, verify that the function prints out a range of numbers from 0 to 100 and prints it to the console.. function accepts whole numbers and returns an error message if floats are passed as arguments.. Returns clinkclank if num % 6 == 0 and num % 8 == 0. Returns clink if if num % 6 == 0..returns clank if num % 8 == 0. Otherwise if none of these conditions are met it returns num. Confirm that a descriptive error is returned if strings are entered as arguments.

**Deliverables:**

Upon completion of the tests, a **Final Test Report** document will be provided to the development team and other relevant stakeholders. The report will outline the tests carried out, the status of each test and comments that may help fix bugs.

## **Testing Strategy:**

* "We will use black box, or functional, testing for the function. We will use an automated, software testing approach with a variety of inputs and record a pass/fail for each test."

## **Test Cases:**

| **Test ID** | **Module Name** | **Description** | **Prerequisites** | **Test Data** | **Test Steps** | **Expected Result** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | div | Check that passing in the number 24 returns the string ClinkCank | none | Input = 24 | Call div(24) | Should return the string  ClinkClank | None |
| 2 | div | Check that passing in a string instead of a number returns a error message telling user they need to pass in a number | none | Input = “cat” | div(“cat”) | Should return an error message telling user they must enter a number and not a string | none |
| 3 | div | Check that passing in a float instead of a whole numbers returns an error message telling user they must enter in a whole number | none | Input = 5.5 | div(5.5) | Should return an error message telling the user they cannot enter a float and can only enter whole numbers. | none |
| 4 | div | Check that passing in 12 in the div function returns the string Clink. | none | Input = 12 | div(12) | Should return the string Clink | none |
| 5 | div | Check that passing in the number 16 returns the string Clank | none | Input = 16 | div(16) | Should return the string Clank | none |
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