# Test Plan

## **High Level Test Plan**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Description** | **Pre-Condition** | **Expected input** | **Expected Output** | **Actual output** |
| H01\_T01 | To perform the operation on strings | Input string must be valid | Some string | String operation |  |
| H02\_T02 | To perform string manipulations | Input string must be valid | Some string | String manipulation |  |

## **Low Level Test Plan**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Description** | **Pre-Condition** | **Expected input** | **Expected Output** | **Actual output** |
| L01\_T01 | Reading a string | A string is taken as input | Some string | Same string |  |
| L01\_T02 | Printing string | A string is taken as input | Some string | Same string |  |
| L02\_T03 | get length of a string | A string is taken as input | Some string | Length of string |  |
| L02\_T04 | Concatenating two strings | A string is taken as input | Two string | Single string |  |
| L02\_T05 | Comparing two strings | A string is taken as input | Two strings | True or False |  |
| L02\_T06 | Copy a string | A string is taken as input | Some string | Different string |  |
| L02\_T07 | Compare parts of two strings | A string is taken as input | Two strings | True or false |  |
| L02\_T08 | Split a string into tokens | A string is taken as input | String | Tokens of strings |  |
| L02\_T09 | Convert a string to lower case | A string is taken as input | String in upper case | String in lower case |  |
| L02\_T10 | Reverse a string | A string is taken as input | String | Reverse string |  |
| L02\_T11 | Convert a string to upper case | A string is taken as input | String in lower case | String in upper case |  |