# Secure Software development: Project 3

Happy Path:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test No: | Test | Input Values | Expected Results | Actual Results |
| 100 | Nominal value within bounds | collapse('5') | '5' | '5' |
| 110 | Single Digit String | collapse('0') | '0' | ‘0’ |
| 120 | Double Digit String | collapse('10') | '1' | ‘1’ |
| 130 | Triple Digit String | collapse('123') | '6' | ‘6’ |
| 140 | Repeat Sums | collapse('99') | '9' | ‘9’ |
| 150 | Double Repeat Sums | collapse('98769') | '3' | ‘3’ |
| 160 | Double Repeat Sums With Initial Value | collapse(value = '98769') | '3' | ‘3’ |
| 170 | Fifty Digit String | collapse('0000000…..0000000') | '0' | ‘0’ |

Sad Path

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test No: | Test | Input Values | Expected Results | Actual Results |
| 901 | No Parameter Passed | collapse() | None | None |
| 902 | String of Characters | collapse('a') | None | None |
| 903 | Digit not in String | collapse(1) | None | None |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |