**Fundamentals () Test**

| **Description** | **+ / − Purpose** | **Data Inputs for 1st and 2nd fgets** | **Expected Output** | | **Actual output if unexpected** | **Success?** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Fundamental’s function test | Record output at standard conditions | 1st> Hello  2nd > 4 | Hello | o |  | Yes | The function works on standard condition |
| Test quit option | Test if users are able to quit loop | 1st > q  2nd > | End program |  |  | yes | Users are able to quit the loop |
| Test char input on 2nd fget | Obsverve if 2nd fget handle wrong input | 1st >hello  2nd > a | hello | Display “wrong input” and repeat | 2nd -The character found at 0 position is 'h' | no | 2nd fget should be able to handle non integer inputs |
| Test negative input at 2nd fget | Obsverve if 2nd fget handle negative integer input | 1st > hello  2nd > -5 | hello | Display “wrong input” and repeat | Too big... Position reduced to max. available  The character found at 4 position is 'o' | no | It would be better to establish a loop to prevent wrong inputs |
| Test 2nd fget | Test code reactions to a user given a location bigger then available | 1st > hello  2nd >10 | hello | Too big... Position reduced to max. available  The character found at 4 position is 'o' |  | yes | The function is able to handle the test |
| Test enter input | Test code reactions to a user pressing enter at the first input | 1st > void  2nd > q |  |  | 2nd - The character found at -1 position is '╠' | no | It would be better to establish a loop to prevent wrong inputs |
| Test 1st fget for double worded input | Test if code handles double worded input | 1st > hello world!  2nd >5 | hello world! | he character found at 5 position is ' ' |  | yes | The function handles double worded input |
| Test 1st fget for larger input | Identify if 1st fget can handle bigger then defined inputs | 1st > 100 sized input  2nd > | Error message or cut input |  | Part of the excessive input was used by the 2nd fget | no | We need to develop a solution for larger inputs. Either cut or display error |
|  |  | X >  O > |  |  |  |  |  |
|  |  | X >  O > |  |  |  |  |  |
|  |  | X >  O > |  |  |  |  |  |