| [**S.NO**](http://s.no/) | **Test Method Name** | **Test Description** | **Input** | **Expected Output** | **Actual Output** |
| --- | --- | --- | --- | --- | --- |
| 1 | Armstrong\_number:Valid\_Armstrong\_number | The test is to verify the program shows the armstrong number as an "armstrong number" | An armstrong number is provided.(370,407) | The given number is processed and returns the result as "Armstrong number". | The function processed to produce the result as "Armstrong number". |
| 2 | Armstrong\_number:Non\_Armstrong\_number | The test is to verify the program shows the non-armstrong number as "Not an armstrong number" | Non-armstrong number is provided.(510,1984) | The given number is processed and returns the result as "Not an Armstrong number". | The function processed to produce the result as "Not an armstrong number". |
| 3 | Armstrong\_number:String\_input | The test is to verify that the program is raised an error message for the invalid string input | Random alphabets are provided.("kjsdfhk") | The given string is type checked and produces an error message. | The try block verified the input as characters and raised the error message. |
| 4 | Armstrong\_nuimber:Order\_of\_the\_number | The test is to verify that the function find the order of the number | 5 digit number is provided.(22442) | The function will return the number of digits in the number. | The order function returned the order of the number. |