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| **ID** | **Description** | **Pre-Condition** | **Expected input** | **Expected Output** | **Actual output** |
| T01\_R01 | To check whether a number is positive | A number is taken as input | Some real number | True or False |  |
| T02\_R01 | To check whether a number is negative | A number is taken as input | Some real number | True or False |  |
| T03\_R02 | To check whether a number is prime | Input number must be positive | Some number | True or False |  |
| T04\_R02 | To check whether a number is Armstrong | Input number must be positive | Some number | True or False |  |
| T05\_R02 | To check whether a number is palindrome | Input number must be positive | Some number | True or False |  |
| T06\_R02 | To check whether a number is Perfect square | Input number must be positive | Some number | True or False |  |
| T07\_R03 | To check whether given number is power of two | Input number must be positive | Some number | True or False |  |
| T08\_R04 | To check whether given number is even | Input number must be positive | Some number | True or False |  |
| T09\_R05 | To check whether a given number is divisible by another number | Input number must be positive | Some number | True or False |  |
| T10\_R06 | To calculate sum of digits of a number | Input number must be positive | Some number | Sum of digits |  |
| T11\_R07 | To find LCM of two numbers | Input numbers must be positive | Some number | LCM |  |
| T12R\_07 | To find HCF of two numbers | Input numbers must be positive | Some number | HCF |  |
| T13\_R08 | To find remainder when one number is divided by another | Input numbers must be positive | Some number | Remainder |  |
| T14\_R09 | To find sum of n natural numbers | Input number must be positive | Some number | Sum of n numbers |  |

# Test Plan