## **Requirements**

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| **ID** | **Description** |
| R01 | To check whether a number is positive or negative |
| R02 | To check whether a given number is prime, Armstrong, palindrome or a perfect square |
| R03 | To check whether a given number is power of two |
| R04 | To check whether a number is even, odd |
| R05 | To check whether a given number is divisible by another number |
| R06 | To calculate sum of digits of a number |
| R07 | To find LCM, HCF of two numbers |
| R08 | To find remainder when one number is divided by another |
| R09 | To find sum of n natural numbers |