

1. Check whether an input integer is a perfect square or not.
2. Input any integer and print your name that many times.
3. Print all odd and even numbers separately within a given range. The range is input through the user.
4. Print the multiplication table of an inputted number.
5. Check whether an input integer is a strong number or not.  
Hint: If the sum of factorials of all digits of a number are equal to the number, it is called a strong number.
6. Find out the prime factors of a number entered through keyboard (distinct).  
Hints: A prime number is any number with no divisors other than itself and 1, such as 2 and 5. Any number can be written as a product of prime numbers in a unique way (except for the order). These are called prime factors of a number. In other words, in number theory, the prime factors of a positive integer are the prime numbers that divide that integer exactly, without leaving a remainder. The process of finding these numbers is called integer factorization, or prime factorization. Enter a number : 100 ; the prime factors of 100 are 2(2) and 5(2). That is,  $100 = 2 \times 2 \times 5 \times 5$ , and those numbers are prime numbers.
7. Find the numbers between 1 to 1000, which are divisible by the sum of its digits. (e.g. 12 is divisible by  $1+2=3$ )
8. Print the numbers between 10 to 1000 where the digits of the numbers are same. (e.g. 11, 22, 33, 44, 111, 555 or 999)