

**Lab Assignments:****Course - B.Tech.(CSE), 5th Semester****Subject Name - PPWC****Subject Code - CSE 3544****Date - 17-09-2025**

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1. Check an alphabet input whether vowel or consonant.
  2. Find sum of first '**n**' natural numbers where '**n**' is positive integer.
  3. Check a number whether it is prime or not.
  4. Find factorial of '**n**' where '**n**' is positive integer.
  5. Print the Fibonacci series upto '**n**' terms where '**n**' is positive integer.
  6. Check Palindrome number.
  7. Find the roots of a quadratic equation.
  8. Find GCD and LCM of two numbers.
  9. Reverse a number.
  10. Check a number whether power of two or not.
  11. Display prime numbers within a range.
  12. Check whether a number can be expressed as sum of two prime numbers or not.
  13. W. A. P. to do the following number conversions (use menu to select option for a task):
    - a) Binary to decimal.
    - b) Decimal to binary.
    - c) Binary to octal
    - d) Octal to binary
  14. Display the '**n**'th digit of an integer. Display zero if it does not exist. ['**n**' is positive integer input]
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