* HWs (1-20): -

1. Smallest and second smallest number using ternary operator

2. Fibonacci series up to nth term

3. Swap two numbers without using third variable or any arithmetic operator

4. Menu driven program to evaluate 1) Factorial, 2) Odd-even then 3) Exit

5. Prime numbers between 1 to 200

6. Print series 1^1+2^2+3^3 up to n^n

7. Palindrome number checking

8. Sum and product of digits of a number

9. Find the roots of an equation

10. Menu driven program to evaluate 1) SI, 2) CI then 3) Exit

11. Pattern 1-5

12. Calculate number of vowels and consonants

13. Leap year or not

14. Sum, product and average of first 10 natural numbers

15. Menu driven program to check 1) Armstrong number 2) Perfect number

16. GCD of two numbers

17. LCM of two numbers

18. Power of a number with and without library function

19. Show day and time from day\_index and time

20. Percentage and grade from subject marks

* ARRAYS & STRINGS (21-25): -

21. One's and two's compliment of a binary number

22. Mean and standard deviation of data

23. String pattern

24. String palindrome

25. Decimal to Octal

* FUNCTION & RECURSION (26-30): -

26. Finding largest element in the array using function

27. Krishnamurthy number checking using function

28. Factorial using recursion

29. Multiplication table using function

* SEARCHING AND SORTING (31-35): -
* STRUCTURES & UNIONS (36-40): -
* POINTERS (41-45): -
* FILE HANDLING (46-50): -