**Lab Experiments list for programming for problem solving (for first 2 chapters)**

1. WAP for adding two numbers using scanf and printf
2. WAP for finding the leap year or not using conditional operator
3. WAP using modify operators with examples
4. WAP using bitwise operators with examples
5. WAP using logical operators with examples
6. WAP to find given number is palindrome or not
7. WAP using concepts of type conversion of data types with examples
8. WAP using control statements like if, if else and elseif ladder with examples
9. WAP using while to convert binary number to decimal number
10. WAP using switch case with examples
11. WAP using concept of jumping statements with examples
12. WAP to print different patterns using For loops
13. WAP using 1D array, 2D array with examples
14. WAP using functions with examples
15. WAP using concept of storage classes auto and static with examples
16. WAP using concept of call by value and call by reference with examples
17. WAP using concept of passing array through functions with examples
18. WAP to calculate factorial using concept of recursion
19. WAP using concept of strings with examples