## If Statement

- 1. WAP to find no is -ve or +ve
- 2. WAP to find no is even and odd
- 3. WAP to find elder person in 2 persons
- 4. WAP to find given year is leap year or not
- 5. WAP to display age is greater than 18 or not
- 6. WAP to find Person is senior citizen or not, input age
- 7. WAP to find which no is greater no in 2 numbers
- 8. WAP to find which no is lowest no in 2 numbers
- 9. WAP to find which no is greater no in 3 numbers
- 10. WAP to find which no is greater no in 4 numbers
- 11. WAP to find which no is lowest no in 3 numbers
- 12. WAP to find which no is lowest no in 4 numbers
- 13. WAP to check whether a number is divisible by 5 and 11 or not.
- 14. WAP to display Digit in text (0 to 9)
- 15. WAP to Check given character is vowel or not.
- 16. Write a menu driven program to calculate:
  - a. Area of circle  $[A=\pi r^2]$
  - b. Area of square [A=a\*a]
- 17. WAP to display of numbers from N to M.
- 18. WAP to display Sum of numbers from N to M.
- 19. WAP to display Average of numbers from N to M.
- 20. WAP to display multiply of numbers from N to M.
- 21. WAP to display Square of numbers from N to M.
- 22. WAP to display Cube number from N to M.
- 23. WAP to display all odd numbers from N to M.
- 24. WAP to display all even numbers from N to M.
- 25. WAP to display all 2 digit numbers from N to M.
- 26. AP to sum of all digit of a given numbers.
- 27. WAP to sum of all Even digit of a given numbers
- 28. WAP to sum of all odd digit of a given numbers
- 29. WAP to sum of all prime digit of a given numbers
- 30. WAP to print of all digit of a given numbers in different line
- 31. WAP to check given number is palindrome or not.121
- 32. WAP to check given number is Armstrong or not.153
- 33. WAP to check given number is duck or not.1034
- 34. WAP to check given number is Nelson or not.111,555
- 35. WAP to check given number is unique number or not.
- 36. WAP to check given number is BUZZ or not. Endwith and divisible by 7

- 37. WAP to check given number is Composite number or not.(A
- 38. number said to be a composite number if its has one or more then one factor excluding 1 ant thenumber itself like 4,6,8,9,....)
- 39. WAP to Find smallest digit of a number.
- 40. WAP to Find highest digit of a number.
- 41. WAP to check a numbers is strong numbers or not
- 42. WAP to check all digit of numbers ascending order or not.
- 43. WAP to check all digit of numbers descending order or not.

## For Loop-

Exercise 1: Print First 10 natural numbers using while loop

Exercise 2: Print the following pattern

Exercise 3: Calculate the sum of all numbers from 1 to a given number

Exercise 4: Write a program to print multiplication table of a given number

Exercise 5: Display numbers from a list using loop

Exercise 6: Count the total number of digits in a number

Exercise 7: Print the following pattern

Exercise 8: Print list in reverse order using a loop

Exercise 9: Display numbers from -10 to -1 using for loop

Exercise 10: Use else block to display a message "Done" after successful execution of for loop

Exercise 11: Write a program to display all prime numbers within a range

Exercise 12: Display Fibonacci series up to 10 terms

Exercise 13: Find the factorial of a given number

Exercise 14: Reverse a given integer number

Exercise 15: Use a loop to display elements from a given list present at odd index positions

Exercise 16: Calculate the cube of all numbers from 1 to a given number

Exercise 17: Find the sum of the series upto n terms