**String Programs**

1. WAP to remove duplicate from string
2. WAP to change from string to Integer and add the digits
3. WAP to swap two strings without using third variable
4. WAP to remove the duplicate words and store it in an array
5. WAP to remove space between the words
6. WAP to reverse the string
7. WAP to separate the character and numbers
8. WAP add space between the string
9. WAP to count the duplicate characters
10. WAP to count duplicate words
11. WAP to count each character
12. WAP to even index to upper case
13. WAP to find the count of duplicate words
14. WAP to extract the characters
15. WAP to print vowels
16. WAP to check whether two strings are equal or not
17. WAP to check the string is palindrome or not
18. WAP to count the number of spaces in a string
19. WAP to check whether two strings are anagram or not
20. WAP to convert Int to string
21. WAP to convert string to int
22. WAP to convert Int to char
23. WAP to convert char to int
24. WAP to convert long to string
25. WAP to convert string to double
26. WAP where input is "I have no more work"

and output is “Ia havea noa morea worka”

1. WAP where input is "Mohana" and output is “Mohn”
2. WAP where input is “ANKUR” and output is “A1N2K3U4R5”

**Array Programs**

1. WAP to find the sum & print the average of elements
2. WAP to print the even index value
3. WAP to sort the array in ascending order
4. WAP to print the smallest element of an array
5. WAP to print the second smallest element of an array
6. WAP to print the largest element of an array
7. WAP to print the second largest element of an array
8. WAP to sum of first three maximum numbers
9. WAP to sum of first three minimum numbers
10. WAP to search the element in an array if element is present print the index
11. WAP to print the unique elements
12. WAP to print the frequency of occurrence of elements
13. WAP to print the duplicates elements of an array
14. WAP to print the first duplicates elements of an array
15. WAP to remove the duplicates in an array and store the elements in a new array
16. WAP to print the perfect square number present in an array
17. WAP to print alternate elements from arrays starting with array index zero
18. WAP to print the elements in arrays which are present at even index
19. WAP to print only even numbers from the arrays
20. WAP to calculate the sum of only even number in an arrays
21. WAP to print all the perfect squares present in an arrays
22. WAP to print only prime numbers in an arrays
23. WAP to find the length of an array
24. WAP to count the occurrence of specific number or element present in an array
25. WAP to print the frequency of occurrence of each element in an arrays
26. WAP to copy one array to another array
27. WAP to merge two arrays to form a new array
28. WAP to read the array elements is the main method and print the same array in the user define methods
29. WAP to declare and initialize an array in the user defined method and print it in the main method
30. WAP to have two user defined method one to declare an initialize the array and another one to print the same array the execution should happens in main method
31. WAP to find smallest positive integer missing in an unsorted integer array.
32. WAP to print all zeros the first and all ones next in an integer array of zeros
33. WAP to print to get the total count of number listed in the array which are multiples of [1,2,3,4,5,6,7,8,9]

**Numbers Programs**

1. WAP to find the factorial of a number
2. WAP to print the number which is divisible by 5&7 but not 9
3. WAP to print the table of 10
4. WAP to print the sum of all the even numbers in the range of 1-20
5. WAP to print your name infinite times
6. WAP to count the number pf digits present in a number
7. WAP to count the alphabet from A-Z
8. WAP to check whether the character is alphabet or not
9. WAP to check whether the character is vowel or not
10. WAP to check whether the number is prime or not.
11. WAP to print all the prime numbers between the range 1 and 100
12. WAP to check whether the number is perfect square or not
13. WAP to print the squares of extracted digits from a number
14. WAP to print the sum of squares of digit in given number
15. WAP to print all the perfect numbers between 1 and 1000
16. WAP to print all the perfect square 1 and 100
17. WAP to reverse a given number using scanner class
18. WAP to check whether the given number is palindrome or not
19. WAP to print first ten number in Fibonacci series
20. WAP to print the LCM of two numbers
21. WAP to print the first n square number
22. WAP to GCD/HCF of two number
23. WAP to find the square root of the number
24. WAP to count the occurrence of each digit in given number
25. WAP to print alternate prime number between the number m and n
26. WAP to swap two number using 3rd variable
27. WAP to swap two number using without using 3rd variable
28. WAP to swap two number without using arithmetic operator
29. WAP to find the largest among four numbers
30. WAP to check whether the number is Armstrong or not
31. WAP to check whether the year is leap year or not
32. WAP to calculate Simple Interest
33. WAP to calculate Compound Interest
34. WAP to print the factors of a number
35. WAP to check whether the number is even or odd
36. WAP to check whether the number is buzz or not
37. WAP to check whether the number is neon number or not
38. WAP to check whether the number is sunny number or not
39. WAP to check whether the number is spy or not
40. WAP to check whether the number is happy number or not
41. WAP to check whether the number is co-prime or not
42. WAP to check whether the number is Duck number or not
43. WAP to check whether the number is automorphic or not
44. WAP to check whether the number is circular prime or not
45. WAP to check whether the number is co-prime or not
46. WAP to check whether the number is twisted prime or not
47. WAP to check whether the number is twin prime or not
48. WAP to check whether the number is circular prime or not
49. WAP to check whether the number is unique or not
50. WAP to check whether the number is Disarium number or not
51. WAP to check whether the number is Tech number or not
52. WAP to check whether the number is magic number or not
53. WAP to check whether the number is pronic number or not
54. WAP to check whether the number is ugly number or not
55. WAP to print the Floyd triangle