**@@ Operator @@**

**1-accept a radius of circle and print the area of circle.**

**2-accept two number from user and make addition and subtraction both and print the difference between addition and subtraction.**

**3-accept base and height of triangle from user and print area of triangle**

**@@ Conditional-if else @@**

**1-accept two num and print the max and min from it**

**2-accept two no and print min num from it.**

**3-accept five integer num from user and print avg of the no.**

**4-accept marks of 6 subject from user calculate the percentage and check the student is elegible for mnc company or not.(criteria=60%)**

**5-accept a single no from user and check the number is positive or negative.**

**6-accept a single no from user and check a no is even or odd.**

**7-accept age from user and check the person is elegible for vote or not.18yr**

**8-accept character a-z and check given character are same or different.**

**9-accept amount from user and print the count of notes by given way.**

**10-accept no from user and check the num is divisible by 5 but not divisible by 11.**

**11-accept year from user and check the yr is leap yr or not/**

**12-accept no from user and check the no is positive even no or not.**

**13-accept character from user and check the character is vowel or consonant.**

**14-accept character from user and swap the case of character.**

**@@ Loop/Operator/switch case @@**

**1-accept a single character from user and print the character is vowel or consonant with case sensisitivity.**

**2-accept no from user and print the number in string format or word format. if the number in between 1 to 5 use ladder if else**

**3-accept two num and create menu for arithmetic operation like 1=addition,2-sub,3-mult,4-div,5-mode.**

**4-leap yr or not.**

**5-accept num of month and print how many days in month switch case**

**6-arithmetic operator using switch statement.**

**7-create the code for ATM system enter pin (valid/invalid) check balance, withdrawal, credit, change pin;**

**8-create calculate for both arithmetic operator & bitwise operator use nested switch statement.**

**@@ goto @@**

**1-accept num from user and make the addition of all number from 1 to n using goto.**

**2-accept no from user and calculate the factorial of number using goto.**

**3-accept 5 different number in a single varible and calculate the average.**

**4-create the number gasing game with three chances pass / fail;**

**5-accept number from user and print the multiplication table of the given number**

**6-accept number from user and print all even number from 1 to n.**

**7-accept num from user and print the square & cube of all number 1 - n.**

**8-accept the two number from user and calculate the second num is the power of first num.**

**@@ for loop/while/do while @@**

**1-print all consonant using for loop.**

**2- accept character from user and print the character series in reverse order from z to given character.**

**3-accept no from user and print the multiplication of given no.**

**4-print multiplication table in reverse order.**

**5-accept num from user and print the whole num in reverse order from given no.**

**6-accept no from user and check the no is prime or not.**

**7-accept no from user and print the square of all no from 1-n.**

**8-accept no from user and print the square of all no from 1-n.**

**9-accept no from user and make the addition of all num from 1-n.**

**10-accept no from user and make addition of all no from 1-n and check the result addition is even or odd.**

**11-accept two num consider lower boundary & upper boundary and print all no in between lower and upper bounary in decending order.**

**12-accept no from user and print the combination of two no which gives addition of given no.**

**@@ specific que @@**

**1-accept no from user and print the count of digit present in the number .**

**2-accept no from user and make addition of all odd no even no digits present in the given no and print the num seperately.**

**3-accept no from user and make addition of all distinct digits present in the number and check addition is even or odd.**

**4-perfect no.**

**5-print the fibonacci series less than given num.**

**6-accept num from user and print all prime no from 1 to given no.**

**7-accept no from user and check the no is strong no.**

***@@ function @@***

**prime no**

**perfect no**

**amstrong no**

**palindrome no**

**strong no**

**factorial series**

**fibonaccie series**

**even/odd**

**positive/negative**

**max/min num**

**assending**

**dessending**

**multiplication table**

**square and cube**

**percent**

**note counting**

**@@ Recurssion @@**

**1-write a program to print sum of all odd element from 1-n**

**2-wap to find reverse of any num using recurssion**

**3-check the no is prime or not using recursion.**

**4-wap to add all digit present in number using recursion 12345**

**5-fibonacci series**

**6-accept no and print the multiplication table of given no.**

**7-accept n from user and make addition of even no and odd no from 1-n and print the diff beteween both addition positive way.12345**

**8-accept no from user and make addition of even digit & odd digit present in num and print the diff.**

**9-accept two no print lcm & gcd.**

**@@ array 1D @@**

**1-creat array with 10 element**

**2-make addition of all odd element and check the addition is prime or not**

**2-print all prime no**

**3-print all palindrome no**

**4-print all amstrong no**

**5-print all num which whose starting digit is 2**

**6-make addition of all elements and check the addition is palindrome or not**

**7-print the num from array where distinct digit present in the number are all even.**

**8-from array make addition of all palindrome number & check result addition is palindrome or not**

**9-perfect no**

**10-print the minimum no from array**

**11-print the gretest no from array**

**12-calculate the difference between most lowest and most highest num in array**

**13-accept array with 5 element and print the avg and percent.**

**14-Assending element**

**15-Dessending element**

**16-Find out minimum and second minimum element**

**17-Find out maximum and second maximum element**

**18-Count how many times a number present**

**19-Perform linear search in arr**

**@@ 2D @@**

**1-creat the fun and check the given matrix is upper triangular matrix or not**

**2-create the fun and check the given matrix is lower triangular matrix or not**

**3-accept 2 matrix from user and make multiplication**

**4-accept two matrix from user make subtraction and check the result matrix is identity matrix or not**

**5-accept matrix and print the transport matrix**

**6-accept matrix from user and print square of matrix**

**7-accept two matrix make addition check the result matrix is lower tringular matrix or not**

**8-accept matrix and check the diagonal are same or not**

**9-accept matrix from user make addition of all diagonal element and check the addition is even or not and if the addition is even**

**then check result is palindrome or not and if the addition is odd then print the square matrix of given matrix**

**10-accept three dimensional array with 3,2,2 dimension,accept num from user and check the num is present inside array or not**

**11-accept dimension arrray with 3,2,2 dimension and print the frequncy of given num present of array**

**12-Count frequency of particular number**

**13-Search wheather a particular number present or not**

**14-Find out min and second minimum element**

**15-Find out max and second max element**

**16-Find max and min**

**@@ Dynamic Memory @@**

**1-print all prime num from given num array which are allocated by dynamic memory allocation**

**2-Make addition of all palindrome num from array and check whether the number is palindrome or not.**

**3-calculate the difference between most highest and most lowest num present in array in positive array.**

**4-print all amstrong num**

**5-Make addition of even & odd num separately and difference between them.**

**6-Accept two num from user using command line argument and make addition,sub,div,mult.**

**7-Accept num from user and check the no is odd even strong palindrome perfect amstrong**

**8-Accept three num from command line and print the character in assending order.**

**@@ String @@**

**Without Function command:-**

**1-Find length of string**

**2-Accept string & convert all string into lowercase**

**3-Uppercase**

**4-Reverse**

**5-Compare two string**

**6-Concatinated two string**

**7-Copy string**

**8-Accept string & swap the case of all character present in the string**

**9-Accept string from user and count the character,number, special symbol,spaces,present in the string.**

**10-Accept string from user and print how many word in string.**

**11-Accept string from user and accept character from user and check count of character present in given string.**

**12-Accept sentence from user and accept character from user and check whether how many words present in string start with given character.**

**13-kdn info tech=>tech info kdn**

**14- KdN info tech=>Kdn Info Tech**

**15= kDNInfoTech=>kdnInfOtEch**

**@@ File Handling @@**

**1-Open file and count the character words and lines present in file.**

**2-Copy the content from one file into another file.**

**3-Merge two files into third file.**

**@@ Pattern @@**

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