**Control Statements:-**

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1) Write a C Program to find the factorial of a given number. User has to take the I/p at

Runtime.

2) Write a C Program to find the sum of digits of a given number.

3) Write a C Program to reverse the digits of a given number.

4) Write a C program to convert a character. If it is lower, convert it to Upper. And if it is

Upper convert it to Lower character.

5) Write a C program to print multiplication tables from 10 to 20.

6) Write a C program to print first 100 prime numbers.

7) Write a C program to print Armstrong Numbers between 1 to 500.

8) Write a C program to print the binary of a given number (+ve or -ve numbers).

9) Write a C program to reverse the bits of a given number.

10) Write a C program to implement a Calculator using switch.

11) Write a C program to find the complement of a given number and then print it's binary,

decimal, octal and Hexa decimal values.

Note: number can be either +ve or -ve. And observe the result satisfying its

Formulae or not.

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| Formulae : 1's complement of (x) = - (x+1) |

12) Write a C program to find the 2's complement of a given number and then print it's

binary, decimal, octal and Hexa decimal values.

Note: number can be either +ve or -ve. And observe the result satisfying its

formulae or not.

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| Formulae : 2's complement of (x) = - (x) |

13) Write a C program to find out power of given number without using pow () function.

14) Write a C program to find the complement of a particular bit. User has to take the

position number at runtime.

15) Write a C program to print palindrome numbers between 1 to 1000.

(Palindrome numbers means the numbers which are equal to its reverse.

Ex: 11,22,33,44 ...999. )

16) Write a C program to print Fibonacci series between 0 to 50.

17) Write a C program to find the given number is power of 2 or not.

18) Write a C program to find out the biggest number of three variables using if-else ladder

and ternary operator.

19) Accept a month in digit from the user. Display the month in words. If number is not between 1 and 12 display message “Invalid Month”. (Use ‘switch’)

20) Write a C program to find the given number is Perfect number or not?

Note: Perfect number means sum of its divisors except that num is equalent to the same

number.

Ex: i/p num = 6.

6 divisors are = 1, 2, 3, & 6.

sum = 1+2+3

sum = 6. So here 6 is perfect number.

-------------------------------------------------------- END --------------------------------------------------------

Dear Students, if any mistakes found, kindly inform to me.

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