

Assignment # 3

Looping

1. WAP to print numbers from 25 to 150.
2. WAP to calculate the sum of numbers from 1 to 100
3. WAP to calculate the sum of cube of numbers from 1 to 100.
4. WAP to print odd numbers from 200 to 250.
5. WAP to read a number and check whether it is prime or not.
6. WAP to display all the 3 Armstrong numbers between 1 to 500
7. WAP to display Fibonacci series upto n terms. (0 1 1 2 3 5 8 13.....)
8. WAP to display multiplication table of 5 from 1 to 10.
9. WAP to display all the characters and the ascii values whose ascii value ranges from 1 to 255
10. WAP to read n different numbers and display the sum.
11. WAP to read a number and calculate its factorial.
12. Two numbers are entered through the keyboard. Write a program to find the value of one number raised to the power of another.
13. WAP to find the sum of series. $1 + 2/2^2 + 3/3^3 + 4/4^4 + \dots + n/n^n$
14. WAP to read values from user and find the sum of given numbers until the user enters 0 and also find its average.
15. WAP to read a number and reverse it. (for ex. 12345 should be 54321)
16. WAP to read a number and find its HCF and LCM.
17. WAP to check whether a given number is palindrome or not.
18. WAP to find the sum of series: $1 + 11 + 111 + 1111 + 11111 + \dots + n$.
19. WAP to read a +ve integer and determine and print its binary equivalent .
20. Write a program in C to display the n terms of square natural number and their sum. (1 4 9 16 25.. n terms).