Assignment-5

Sr.	Questions
1	State use of loop statement in C Program.
2	Explain syntax of for loop.**
3	Compare while loop and do-while loop**
4	Explain while loop with example.
5	Write syntax for nested for loop. Give any one example. OR Explain for loop and nested for loop with example. ***
6	Explain difference between entry control loop and exit control loop with
7	Explain difference between while and do while loop.
8	The For loop Continues to execute as long as the condition is _____ (I) True (II) False (III) Both True And False (IV) None of these
9	Which is not a loop structure?
10	Why loop control statements are used in C?
11	WAP to print 1to n and n to 1 numbers.
12	WAP to print to print sum of 1 to n numbers.
13	WAP to print following series using loop 1 3 5 7 9 …..55.*
14	WAP to print the Fibonacci series up to given number.**
15	WAP to print sum of digits of a given number (i.e. 123 = 1 + 2 + 3 = 6)*
16	WAP to print even number from 1 to 100.*
17	WAP to print prime number from 1 to 100.**
18	WAP to find given number is prime or not.**
19	WAP to reverse the given number (i.e. 123 = 321).***
20	WAP to read two integer numbers and the arithmetic operation performed between two numbers as character. Calculate and print the result as for e.g. 40,50 * given as input the output should be 40*50=200.*
21	WAP to find given number is Armstrong or not.*****

22	WAP to print given pattern

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1       1       1                   *           A

22      12      2  3                * *         A B

333     123     4  5  6             * * *       A B C

4444    1234    7  8  9  10         * * * *     A B C D
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 1          *           1              *****       1

 12         **          2  3           ****        10

 123        ***          4  5  6       ***         101

1234        ****        7  8  9  10     **         1010

 12345      *****     11 12 13 14 15     *          10101
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