ASSIGNMENT -2 (FOR LOOP )

Q1. WAP to print natural numbers till ‘n’. Also , find the sum.

Q2. WAP to print the table of a given number.

Q3. WAP to input any number and print its factorial.

Q4. WAP to print odd numbers till a given number ’ n’ and find their sum.

Q5. WAP to print Fibonacci series till given number ‘n’.

Q6. WAP to print first ‘n’ natural numbers in reverse order.

\*SERIES

Q7. WAP to print the series till ‘n’ terms

a)1 4 7 10 13 16……….

b)1 4 9 16 25 36………

Q8. WAP to print the reversed number.

Q9. WAP to print whether the number entered by the user is prime or not.

Q10. WAP to print the sum of the series till ‘n’ terms

1. s = x + x^2 + x^3 ……………
2. s = x + x^3 + x^5………….
3. S =1 + x/1! + x^2/2!.......
4. S = 1 + x/2 + x^2/3………
5. S = x – x^2/2! + x^3/3! – x^4/4!..........

\*PATTERNS

Q11. WAP to print the following pattern:-

1. 1

12

123

1234

12345

1. 12345

1234

123

12

1

c)55555

55555

55555

d)\*

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1. 1

22

333

4444

55555

Q12. WAP to print hcf and lcm of any two numbers.

Q13. WAP to print any number ‘a’ raise to the power ‘b’.