Series

Print the following series

1. 1, 2, 3, 4…… up to 50
2. 11, 12, 13, 14 …….. up to 50
3. 1, 3, 5, 7, ……up to 50
4. 1, 3, 5, 7, ……up to 50 terms
5. 2, 4, 6, 8, …… up to 20
6. 2, 4, 6, 8, …… up to 20 terms
7. 11, 13, 15, …… up to 50 terms
8. 42, 44, 46, …….. up to 100 terms
9. 10, 9, 8, 7, …… up to 1
10. 100, 99, 98, …… up to 50
11. 1, 4, 9, 16, …… up to 20 terms
12. 1, 8, 27, 64, …….. up to 20 terms
13. 0, 3, 8, 15, ……... up to 25 terms
14. 2, 5, 10, 17, …….. up to 25 terms
15. 1, 2, 4, 8, 16, …… up to 30 terms
16. 1, 5, 25, 125, …… up to 20 terms
17. 3, 6, 9, 12, …… up to 20 terms
18. 4, 8, 12, 16, …… up to 20 terms
19. 12, 24, 36, …….. up to 40 terms
20. 2, 4, 8, 16, …….. up to 20 terms
21. 100, 97, 94, 91, …….. up to 10
22. 1, 11, 121, 1331, 14641,……n terms
23. 1, 11, 111, 1111……..n terms
24. 1, 4, 5, 9, 14, 23, 37, 60……n terms
25. 0, 1, 1, 2, 3, 5, 8, 13,…….. n terms
26. 1^4, 2^4, 3^4, 4^4……..n^4
27. 7, 8, 9, 11, 11, 14, 13, 17, 15, 20, 17……n terms

Print the sum following series

1. 1 + 2 + 3 + 4…… up to 20 terms
2. 11 + 12 + 13 + 14 …… up to 50
3. 1 + 3 + 5 + 7 …… up to 50 terms
4. 2 + 4 + 6 + 8 …… up to 99 terms
5. 1 + 7 + 13 + 19 …… up to 25 terms
6. 1 + 4 + 9 + 16 ……... up to 25 terms
7. 1 + 8 + 27 + 64…….. up to 25 terms
8. 0 + 3 + 8 + 15 …… up to 25 terms
9. 2 + 5 + 10 +17 …… up to 25 terms
10. $1+x+x^2+x^3+x^4$…….. x^{16}
11. $1+x+x^2+x^3+x^4$…….. x^n
12. 1! + 2! + 3!+……n!
13. $1 + 1/x + 1/x^2 + 1/x^3$ ……$1/x^n$
14. $1 + 1/x^2 + 1/x^4 + 1/x^6$ ……$1/x^n$
15. 1/1! + 1/2! +1/3! +1/4! …….. . 1/n!
16. $x^2/1! + x^3/2! + x^4/3! +$ …….. . $x^n/(n-1)!$
17. 1*2*3*4……. n terms
18. 1*3*5*7……. n terms
19. $1-x^2/2! + x^4/4! – x^6/6!$ ……. $x^n/n!$
20. 1-2+3-4+5……. n terms
21. 1-3+5-7+9……n terms
22. $1-x^3/3! + x^5/5! – x^7/7!$ ……. $x^n/n!$
23. 2-4+6-8+10……..n
24. 1 + (1+2) + (1+2+3) + (1+2+3+4)……n terms
25. x/1! + x/2! + x/3! + x/4! ……x/n! terms