ASSIGNMENT – 4

1. 1+2+3+…. +N
2. 1+3+5+7+…. +N
3. 2+4+6+8+……+N
4. 12 +22 +32 +……+N2  🡪 1 + 4 + 9 + 16….+ N
5. 12 +32 +52 +……+N2  🡪 1 + 9 + 25 + …… + N
6. 13 +23 +33 +……+N3 🡪 1 + 8 + 27 + …… + N
7. 1 3 7 15 31 63 127
8. 1+3+5+7+9+11+………+N (1+2=3+2=5+2=7(Prime Number))
9. 1 1 2 3 5 8………N
10. 1 3 4 7 11 18……...N (Lucas Series)
11. Write A Program to Check the Given Number Is Prime or Not.
12. Write A Program to Check the Given Number Is Palindrome or Not. (121=121)
13. Write A Program to Check the Given Number to Reverse the Given Number. (N=123. out=321).
14. Write A Program to Calculate Sum of Given Number. Ex. N=153. out=9
15. Find Out the First 5 Armstrong Number. (153=13 + 53 + 33 =153)
16. Find Out the Factorial of the Given Number.