

ASSIGNMENT - 4

1. $1+2+3+\dots +N$
2. $1+3+5+7+\dots +N$
3. $2+4+6+8+\dots +N$
4. $1^2 + 2^2 + 3^2 + \dots + N^2$ € $1 + 4 + 9 + 16 \dots N$
5. $1^2 + 3^2 + 5^2 + \dots + N^2$
6. $1^3 + 2^3 + 3^3 + \dots + N^3$
7. $1! + 2! + 3! + 4! + \dots + N!$
8.

| | | | | | | |
|---|---|---|----|----|----|----|
| 1 | 3 | 7 | 13 | 21 | 31 | 43 |
|---|---|---|----|----|----|----|
9. $1+3+5+7+9+11+\dots +N$ ($1+2=3+2=5+2=7$ (Prime Number))
10.

| | | | | | |
|---|---|---|---|---|---------|
| 1 | 1 | 2 | 3 | 5 | 8.....N |
|---|---|---|---|---|---------|
11.

| | | | | | |
|---|---|---|---|----|----------|
| 1 | 3 | 4 | 7 | 11 | 18.....N |
|---|---|---|---|----|----------|

 (Lucas Series)
12. Write A Program to Check the Given Number Is Prime or Not.
13. Write A Program to Check the Given Number Is Palindrome or Not.
(121=121)-(abc=cba)
14. Write A Program to Check the Given Number to Reverse the Given Number. (N=123. out=321).
15. Write A Program to Calculate Sum of Given Number. Ex. N=153.
out=9
16. Find Out the First 5 Armstrong Number. ($153=1^3 + 5^3 + 3^3 =153$)
17. Find Out the Factorial of the Given Number. Line 31