**Day-2**

**Topics=> Looping**

1. Write a program to get the summation of the following series

2 + 4 + 6 + 8 + … + *2n* terms.

2. Write a program to get the summation of the following series

12 + 22 + 32 + 42 + … + *n2*terms.

3. Write a program to get the summation of the following series

1 \* 2 \* 3 \* 4 \* … \* *n* terms. (factorial problem)

4. Write a program to get the summation of the following series

12 –22 + 32 – 42 + … ±*n2*terms

5. Write a program to get the summation of the following series

m + (m + 5) + (m + 10) + (m + 15) + … *n*terms(n is multiple of 5)

6. Write a program that will take n numbers as inputs and compute their average.

7. Print the following Star pattern using for loop

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8. Print the following Star pattern using for loop

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\*A\*

\*A\*A\*

\*A\*A\*A\*

9. Print the following Star pattern using for loop

