***Problem-4:***

***#include<stdio.h>***

***int main()***

***{***

***int n,i,sum=1,temp = 1,t\_n=1;***

***printf("Please Enter The Value Of 'n' In The Series: ");***

***scanf("%d",&n);***

***if(n==0)***

***printf("Sum of the series = 0\nAverage of the series = 0");***

***else if(n==1)***

***printf("Sum of the series = 1\nAverage of the series = 1");***

***else{***

***for(i=2; i<=n; i++){***

***t\_n += 1;***

***temp +=3;***

***sum += temp;***

***}***

***printf("Sum of the series = %d\n",sum);***

***printf("Average of the series = %.2lf\n",double(sum\*1.0)/t\_n);***

***}***

***return 0;***

***}***