



main.c

Output



```
1  #include <stdio.h>
2  #include <math.h>
3  int main()
4  {
5      int number, i;
6      int sum = 0;
7
8      printf("Enter the maximum
           values of series n: ");
9      scanf("%d", &number);
10     sum = pow(((number * (number +
           1) ) / 2), 2);
11     printf("Sum of the series : ");
12     for (i = 1; i <= number; i++)
13     {
14         if (i != number)
15             printf("%d^3 + ", i);
16         else
17             printf("%d^3 = %d ", i,
                    sum);
18     }
19     return 0;
20 }
```

K.Somasekhar
192211411



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/tmp/DPsNWwR6UD.o

Enter the maximum values of series n: 8

Sum of the series : $1^3 + 2^3 + 3^3 + 4^3$
 $+ 5^3 + 6^3 + 7^3 + 8^3 = 1296$ |

K.Somasekhar
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