1. Write a C program which read a positive integer value n, pass the n value to function 𝑓 and print the return result in the main. This requires you to write a function prototype and declaration that implements 𝑓(𝑛) = 12 + 22 + ⋯+ 𝑛2 . Use while loop.

Output screen

Enter a positive number: 4

f(4)=30