In Main

int total=**sum(5);**

Waits for sum(5) to return a number.

In Sum(5) n=5

return 5+**sum(4);**

Waits for sum(4) to return a number.

In Sum(4) n=4

return 4+**sum(3);**

Waits for sum(3) to return a number.

In Sum(3) n=3

return 3+**sum(2);**

Waits for sum(2) to return a number.

In Sum(2) n=2

return 2+**sum(1);**

Waits for sum(1) to return a number.

In Sum(1)

n=1

return 1**;**

1 3 6

10 15