

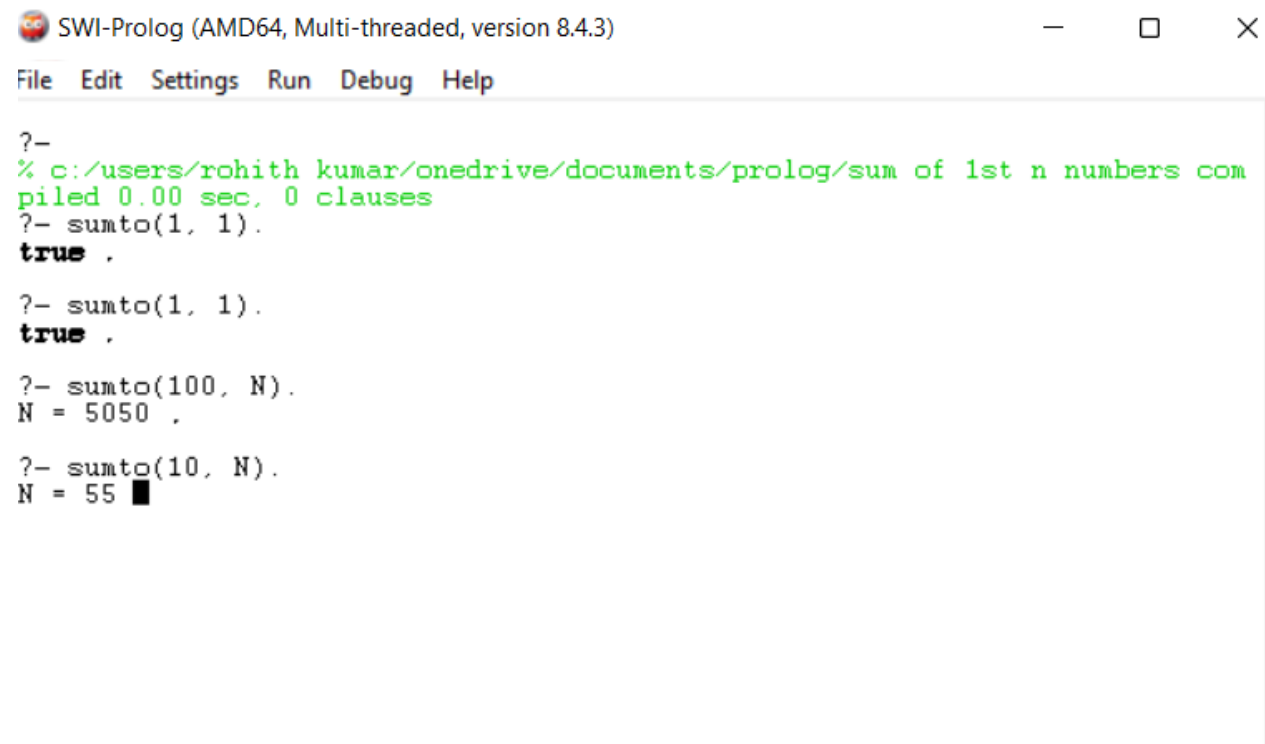
## Write a Prolog Program to Sum the Integers from 1 to n.

### Program:

sumto(1, 1).

sumto(N, M) :- N>1, N1 is N-1, sumto(N1, M1), M is M1+N.

### OUTPUT:



```
SWI-Prolog (AMD64, Multi-threaded, version 8.4.3)
File Edit Settings Run Debug Help

?-
% c:/users/rohith kumar/onedrive/documents/prolog/sum of 1st n numbers compiled 0.00 sec, 0 clauses
?- sumto(1, 1).
true .

?- sumto(1, 1).
true .

?- sumto(100, N).
N = 5050 .

?- sumto(10, N).
N = 55
```