

To find sum of a given number

PSEUDO CODE:

Step 1: start

step 2: get n value

step 3: set initial value $i=1$, $sum=0$

Step 4: check i value if($i \leq n$) goto step 5 else goto step8

step 5: calculate $sum=sum+i$

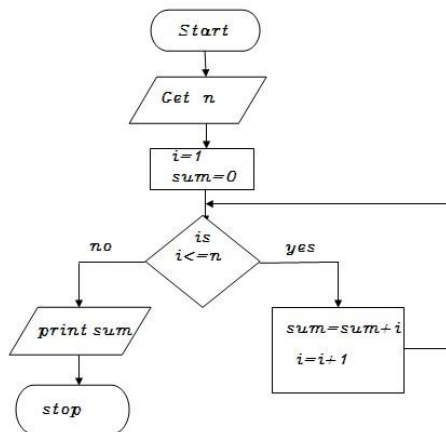
step 6: increment i value by 1

step 7: goto step 4

step 8: print sum value

step 9: stop

FLOW CHART:



CODING:

BEGIN

GET n

INITIALIZE $i=1, sum=0$

WHILE($i \leq n$) DO

$sum=sum+i$

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        i=i+1  
ENDWHILE  
PRINT sum  
END
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