

## Exercise 1-1 - Algorithm for Average

GIVENS: Num1, Num2, Num3 (three numbers)

RESULTS:

Avg (the average of Num1, Num2, and Num3)

HEADER:

Avg  $\leftarrow$  Average( Num1, Num2, Num3 )

BODY:

Avg  $\leftarrow$  (Num1 + Num2 + Num3) / 3

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## Trace for givens 10, 20, 30

Table 1 Average(10,20,30)				
Statement	Num1	Num2	Num3	Avg
Initial values	10	20	30	?
1. Avg $\leftarrow$ (Num1 +Num2 +Num3)/3				20