Block Diagram

TS, TA, ~~XXX~~
QUEUE = [ ]
~~XXXXXXX~~ WT = 0
IT = 0
N = 0

Add a
check for
Max
ez

Y   TA<TS   N

TS = TS - TA

N += 1
QUEUE.
ADD (0)
For Q in QUEUE
Q += TA

TA -= TS

~~XXXXXXXX~~
~~XXXXXXXX~~
WT += QUEUE.Remove()
For Q in QUEUE
Q += TS

TA = ...

TS = ...

IT
+= TA

Yes
2   len(Q) = 0 ?   No

Add another check for Max.