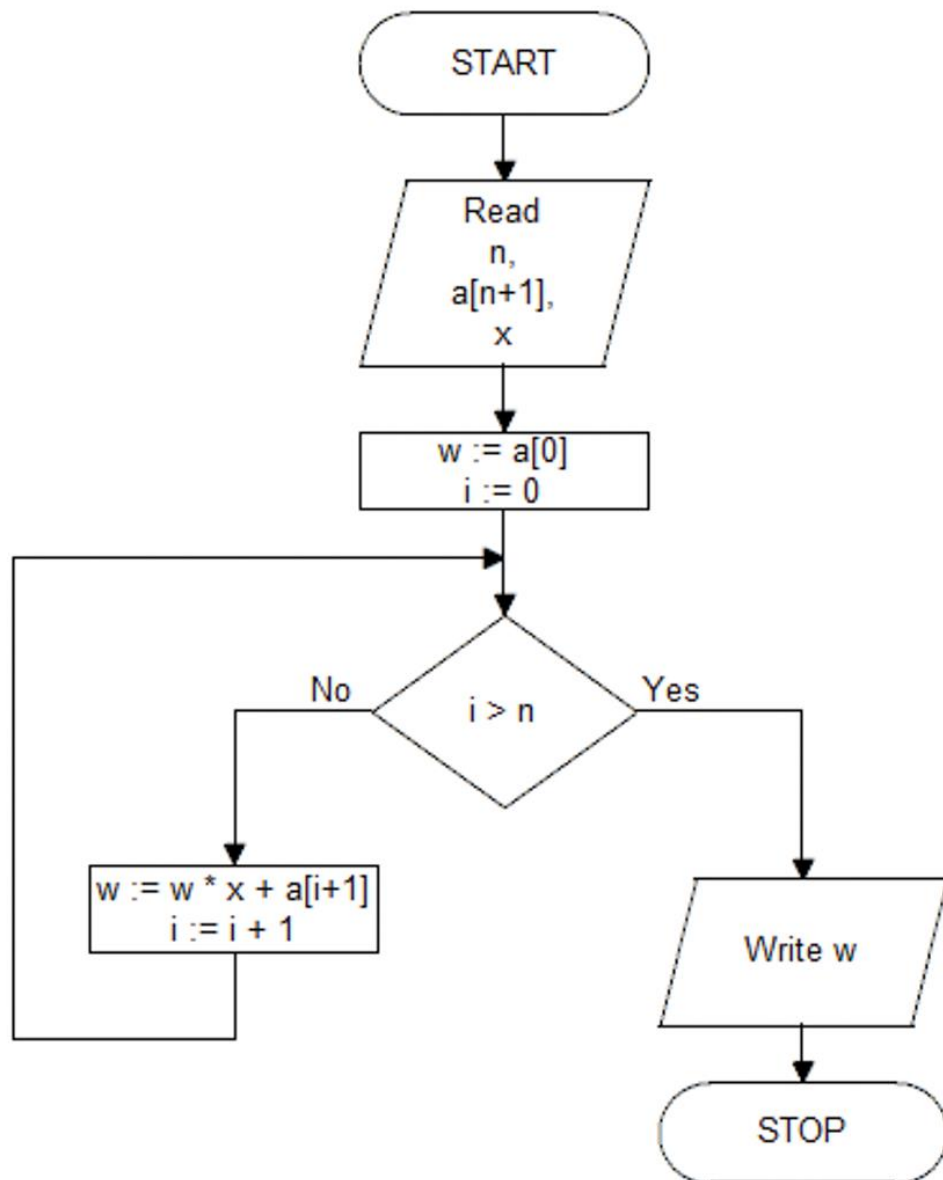


Block diagram



Pseudocode

Start:

Read: $n, a[n+1], x$

$w := a[0]$

$i := 0$

for $i > n$ do

$w = w * x + a[i + 1]$

$i++$

Write w