· By original assumption, terms [starts]. expon terms [j]. expon terms [finishs] for ti, [starts Liffinishs] (Egn. 1) expon
Imm [4] expont topms stort o expon terms [1] expont to is
og non'y Lormy Chiahlo expon + tepms the toll your
1 mangal your girl minery (Lyne 2)
So, comparing equal) and (2), we see that we have
some as no of terms un terms to lab known (finishy = avail-1)
finishy-starty=finishb-starts for the thought before
: starty = (avail-1) - finish B+ start B = avail- (finish B-start B+1). We have done just that in lines = avail-(finish B-start B+1) . We have done just that in lines
$\frac{2}{2} = \frac{2}{2} + \frac{1}{2} = \frac{2}{2} + \frac{1}{2} + \frac{1}{2} = \frac{2}{2} + \frac{1}{2} + \frac{1}{2} = \frac{2}{2} + \frac{1}$
We know that Z terms x. b(x) + termo x = starth
We know that \[\frac{\finish \dots \frac{1}{2} \cdots \frac{1}{2} \cd
a coald function, on line 10, we it apprectly
of any (start x, finish x and starty, finishy) to the starting (x start)
and ending (9x finish d) to the polynomial x on lines 16-17. Now, we initialize this sum as polynomial x on lines 16-17. Now, we initialize this sum as polynomial x on lines 16-17. The easy to see that the loop invariant
. Now, we initialize this sum as paymented. Now, we initialize this sum as paymented.
7 11 1 6/11/11/11/11/11/11/11/11/11/11/11/11/11
holds. I show in finish A+1. By the loop invariant,
holds. The loop terminates when i=finishA+1. By the loop invariant, Termination: The loop terminates when i=finishA+1. By the loop invariant, the polynomial String [K]. B(x) has been correctly computed and the polynomial X. H=starth A=starth A=start
the polynomial Z terms !!
Stored in the terms array between indices start and finish as polynomial x.
We know, by distributive law and mathematical induction that