The Syriss (OpenMP directive syntax) On xermanours:

# parallel for

# critical atomic + reduction

whime

+ collapse

## ΣΗΜΕΙΩΣΕΙΣ ΓΙΑ ΤΗΝ 1<sup>H</sup> ΕΡΓΑΣΙΑ ΣΤΟ OpenMP - ΠΑΡΑΛΛΗΛΑ ΣΥΣΤΗΜΑΤΑ

Nom rapus Eignatu va Svips and tou Mapaly;
-> OpenMP Examples/omp20.c -> Bisnupe to reduction
ken hetporke xborrs
Dorapas'TE να αλλάζετε στην βραμμή 11 τον αρυθμό των. threads στην εγρολί στης ερι
threads other Evroli omp-set_num_threads () you von pre-
-> OpenMP_Examples/omp14.c -> Blinage to parallel for
Notice that I
Tie Dukupa (' FI va alha TETE to collapse )
Obnjies you The Eppasia/Dienepivious other Etaquivos
F(10) 1 2 37 a) Even o rivotas SEGRITUN;
1 (1) 1 5   IAiil > [IAiil]
= 2 4 (-24) 6 = -2 6 -3 (20) ] Tote Sivan autoppi Sugarui de- onitur
-> Erpunio For loop: For 1=0 to N + yearn's
if Not flag=false for j=0 to N SvassiTu To paper
Sum
check (sum) Eiver Suguros
-3-

## ΣΗΜΕΙΩΣΕΙΣ ΓΙΑ ΤΗΝ 1<sup>H</sup> ΕΡΓΑΣΙΑ ΣΤΟ OpenMP – ΠΑΡΑΛΛΗΛΑ ΣΥΣΤΗΜΑΤΑ B) preparo oroxer Suguros m=max(IAiil) # 1 for -> reduction (t) for 1=0 to N if check | Aiil > m m= |Aiil I # parulled for reduction (max:m) Avriotaxy TOU MPI \_ MX c) News someus Bij = m- | Aij | par itj kan Bij=m pu = j Nested for -loop per collapse d) de Bl. omple.c - reduction del Bl. omp13.c -> atomic, critical d2.2) TO DYEKONO!! Nigos Kirólkos