Prasanth Reddy Pallerla Paxallel computing Praller Dunce edu Assignment-2 (Preliminary) 801033619 1=0 i=1 1=2 1= 1-1 a[o]r a[i]r a[2] R . . . a [n-1] P 6[0]w p[]m b[2] w b [n-i]w P) Width = n Assume time taken to write into b[i] Critical path = O(1)+t Work = O(O(1)+t)C) Processos 1=P+1 >t complexity for 1st for loop is 0 (m) complexity for 2 3 for loop is o(nm) since o(nm) 7 o(m) complexity = o(nm) (0,2) (0,3)(0,1) (0,0) WOrk = O(nm) (10) Width= min (n, m) (2,3) (2,4) (silical path * A+1) ⇒ (2, j)-(2,2) = n+m-1 (3,2) (311) (3/3)