

Assignment 2. Quistion B oTIN Ji fin a)1 Moster's nethod · Tin) = 271.1)+1 601 ploger vs 1 [109,2 -is lorger -] Tin): O(alog. 2) Cose 1 Tuj= Olalogo) . Case ? · Tin)= 2 Tin/4) + Vn Me nogut vs ni (gran at the sore rate Tins = Anlogue (ogins) cose 2 · T(n) = 27()+n for interest of alogue us n (a is longer) Tins = Offni) = O(n) cox 3 111111 = 119 11 3 ateg, nlogge vs n = [n2] larger Cets son Times Tin) = O(n2) cose 3 = 4 = 3 = 5 3 (2) (109, M) v = 15 (Book v = 100) (w) Visting May Tim = Olalogon)