2.5 It pivot is i= 2 (| indexed) then a constance pologion would split in 1st index and then the pest of the numbers in another seemed smallest through plus posterion but still look through 1(n) = 2.T(n-2) + M = T(n-6) + 3n - 614 N (n=2) - (n=2) Ourcell of the pivor is in location 2 then the guicksor will have asrey size and m-2 So the securion polarion would solve NO(n2) That means it has OCn2) behavior 2. It this case, the plust scherion would be first case where eacher health converings of the aleginhan will be poor parition. O(n2). In case number 2 as 2/3 ml 243 on each Side of the array where most of the agray is sorred it would be slightly bester but probably not ideal alog in her somewhere in between Ducfall the alsocithmy should fall between Ofalogal and