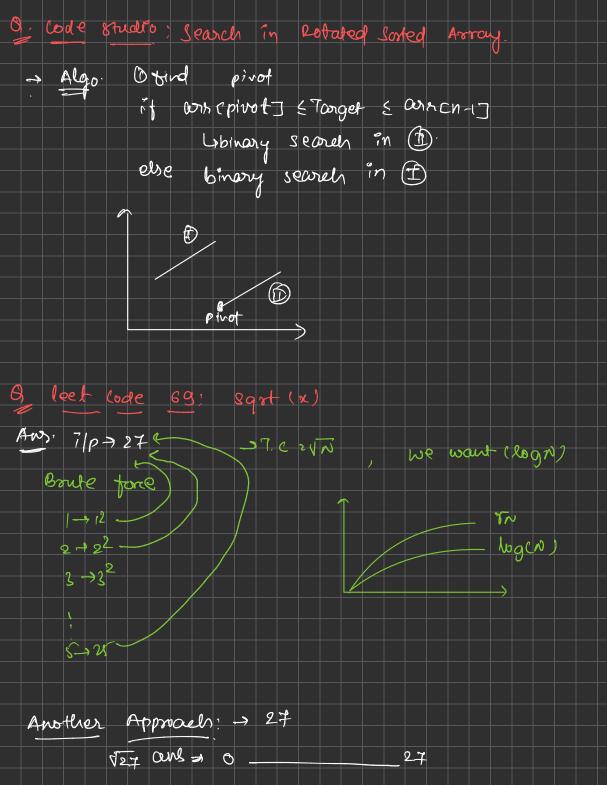


I tind pivot element. Scrifed array was there [1,2,3,7,9] 1 Potate that ornay by 1=(2) [7,9,1,2,3] **(**3) so here graph will be;-9 privot etement. Algo: () m d= s+(e-s) @ Condition 1: wir [mid] >= on/10) wid (s= mid+1 (bcz here the will lie on find Line.) @ condition 2. else e: mid Usiz here the mid will lie on second line) and it i do ez miel-, then e will go on that line if the mid was at pivot element) -return S.



92 V92 am 2 <u>--- 92</u> 0 Search space Algo: - while (8 < - e) n=36 __ 36 mid= s+(e-s) y mid x mid cy 16×18 = 324 >36 (+6°m = 2 ... · ezmid-1 ans : mid _ mid + mid 2=n return mid return aus. G for float part: √37 → B.D., 9 6.1 < (6.1)2 < 37 => aug 6.2 -> 6.2)2 < 37 2) any 6.3 7 (6.3) 2 > 97 then add 0.01 in aus.

6.21 7 (6.21) 2 2 37 2 aug C, 6.22 -3 (6.22) 2 > 37 -> return aus.