```
8-) If n<10 its best case Tim= O(1) because in n<10 there is - s
 no loop only constant companily statements and leturn.
 (real) O = MOIST = Min To see Search by though
 because orthor loop hosponstart completely O(1) and in while loop in
decraesed by division (n=n/i) so its logarithmic.
                         for (1=9; 7>1; 7-1; (2=7) 707
                             (10 == 10/e (1 9/1 == 0)
                                 v=v/v:-- podattimie general pagintion
Part 2
       func (Points arr, int arraba, Points find Point)
           min = sqrt (pow (arr [o] x -findPoint, x, 2) + pow(arr [o] y -find Point, y, 2))
               temp = Sqrt (pow (arr [i] x - Find Proint x, 2) + pow (arr [i] y - find Point y 2))
            for (inti=0; iLarr-len; itt)
                if Lamp Limins
      The state of = -\infty = -\infty = -\infty
      Part A (Int arr, orr-len) 2
             For (i=1; i Larr-bn-1; i++) {
                  Intames / Comment & Continues (Comment)
                               (eturn arr [s]
```

T(n) = O(1) second element can be local min so inthis case for low rests one time:

There can be no local min in dray