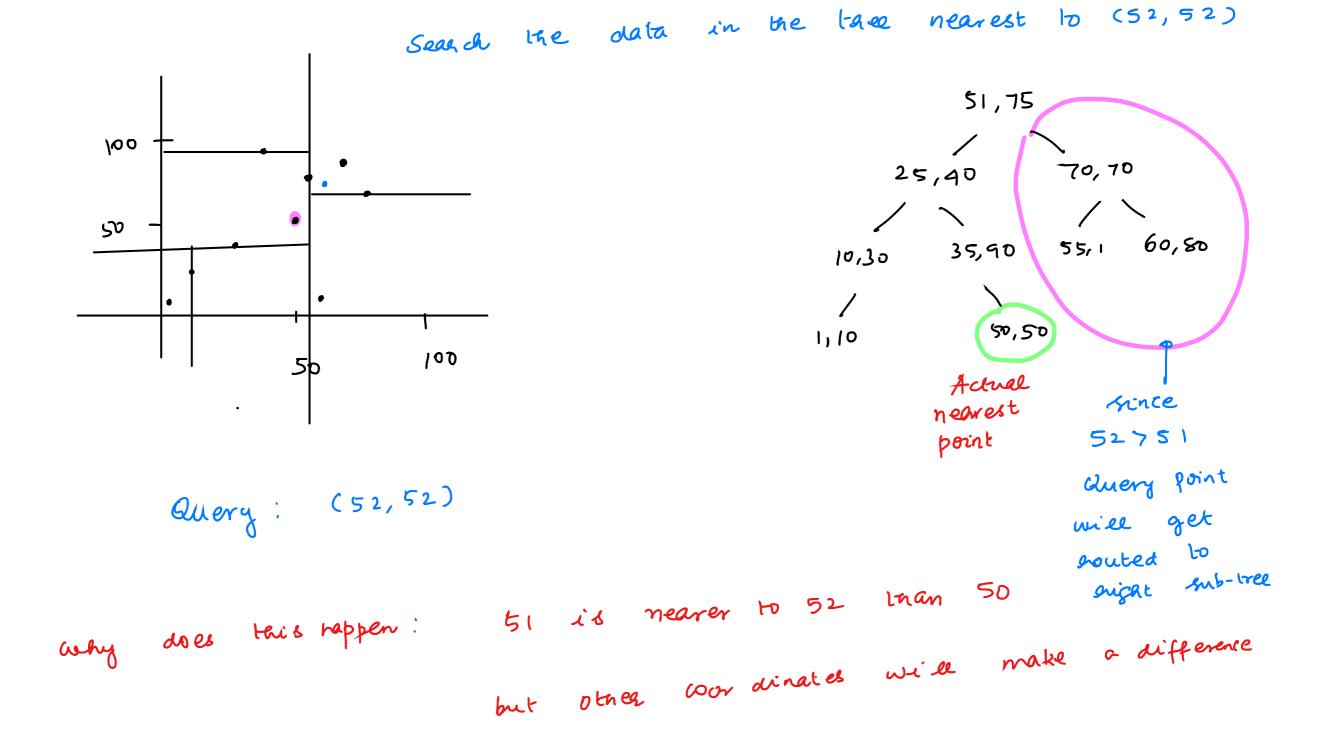
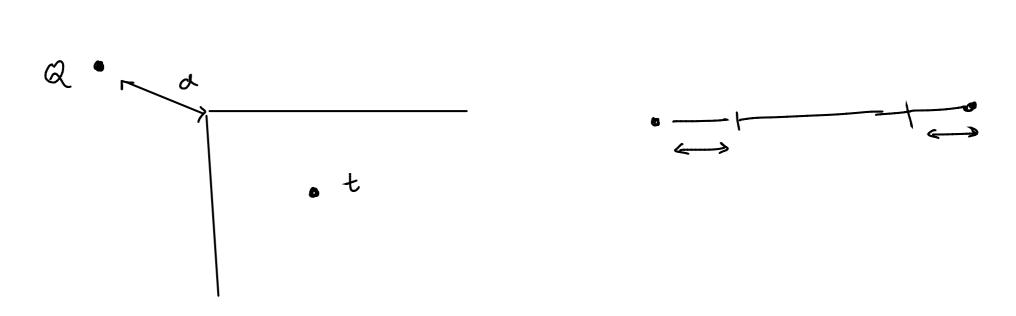
```
relete C x, note t, cut-dim)
                       avot node and its cut-dimension
if 2= t. data
     if tonight & = NULL
         t. data = find Min (t. anight, out-dim, (out-dim +1)% total-dim)
           delete (t. data, t-might, (cut-dim+1)% total-dim)
       euse if t. left | = NULL
              t. data = FINDMIN (t. left, alt.dim, (cut-dim+1)% total-dim)
               t. nisht = t. left
                t. left = NULL
                 devete (t. data, t. might, (cut-dim+1)% total-dim)
          if x [cut-dim] < t. data [cut-dim]
             delete (x, t.eqt, (cut-dim+1)% total-dim)
  elle
              delete (x, t. night, (cut - dim +1) /. total - dim)
           elle
```



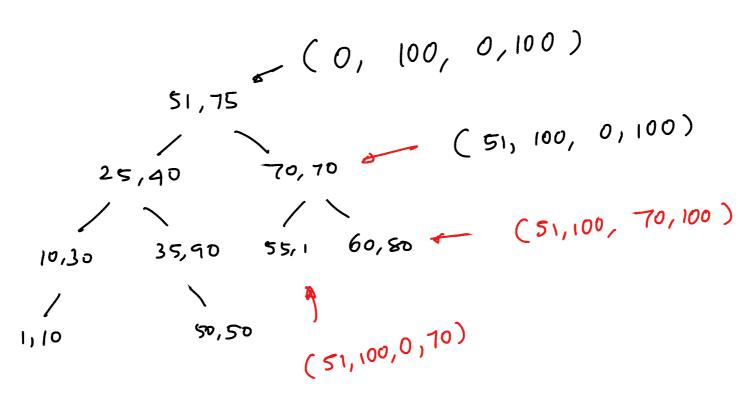
## I dea! Main tain

de ceusest point found triel now C
Bounding hox for each sub-take



dist (Q, BB(H))? dist (Q, C) no need to search the sub-tree dist (Q, BB(H))?  $= (Q(I) - Q(I))^2 + \cdots + (Q(A) - Q(A))^2$  dist  $(X, Y) = (X(I) - Y(I))^2 + \cdots + (X(A) - Y(A))^2$ 

( start-dim-1, end- 2m-1, start-dim-2, end-dim-2, ..., start-dim-d, and-dim)



maintain best point, best-dist as geobal vaniables.

NN ( Query Q, mae t, cd, BB)

if distance (BB,Q) > best dist hen beturn

dist = distance (Q, t.dala)

if dist < best-dest:

best = t.dala

hest-dist - dist

NN CQ, t. left, (ca+1) /. d, BB. tavim reft (cd, t.da(a))

NN CQ, t. night, (cd+1) 1.d, BB. tanim reft (cd, t.da(a))