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Nama: Kartika Deviani
 Kelas : 20
NIM : 21090097
       : 20
     Data Nilai = 7,45,1,250,87,45,3,9
      berapakan urutan yg terjadi pada saat P=3
      n = 8
      Start = 0
      end = n - 1
         1-8 =
          = 7
     Int pivot = data [ end]
               = data [ 7 ]
     |n+i| = |start| - | = |0-1| = -1
                                    data[I] =t -> duta[I]=1
for (j = [0]; j <=[7])
                                    7,1,45,255,87,45,3,9
    [ ] = 0 ]
If (data [0] 2 Pivot)
                                   J = 3
  7 Lg true
                                   If (data [3] < pivot)
i = i +1 = -1 +1 =0
                                         255 Lg false (x)
t = data [0] -> t = 7
data [i] = data [j]
                                   [] = 4
data [0] = data [0] = 7
                                    If (data [4] / pivot)
                                          87 L9 faise (x)
Data = [ 7, 45, 1, 255, 87, 45, 3, 9]
                                   1 = 5
                                   If (data [5] / pivot)
d If (dara [1] 2 pivot)
                                          45 2 9 faise (x)
                      faist
[] = 2
                                   If (data [6] / pivot)
It (data [2] < Pivot)
                                        3 Lg true
                                   1 = 1 + 1 = 2
1 = 0 +1 =1
                                   t = data[2] -> + = 4s
t = data [1] -> t = 45
                                   data [1] = data [1]
data [i] = &ata [j]
                                   data [2] = 8ata [6]
data [1] = data [2] = data [1] =
```

```
J=3
data [2] = 3
                                   If (data[3] < pivot)
data[2] = t -> data[2] = 3
                                            g 2 3 faise (x)
7,1,3,255,87,45,45,9
                                  S = 4
1=7
                                   If (&ata [4] L Pivot)
If (data [7] < Pivot)
                                            87 6 3 faise (x)
       9 \perp 9 \quad farst (x)
 Int t = data [iti]
                                  1 = 5
      t = [2 + 1] \rightarrow t = [3] \rightarrow t = 255
                                    1f (data [5] < PIVO+)
data[i+1] = data [end]
                                            45 4 3 faist (x)
  duta [3] = data [7]
                                   ) = C
data [ind] = t
data [7] = 255
                                   If (data [6] / pivot)
                                          45 43 faise (x)
return (it1) -> teturn (2+1)
                  return 3
                                   J = 7
data.[7,1,3,9,87,45,45,255]
                                   (f (8ata [7] < pivot)
                                         255 L 7 faise (x)
P=3 dari Return
data = [7,1,3,9,87,45,255]
                                  Int t = data [it]
                                       t=data[-1+1]
Start = 0
end = 3 - 1 = 2
                                       t =data [0]
Pivo t = data [end] = data[2] = 3,
                                            f = f
i = 0 - 1 = -1
                                  data [i +1] = Data tend]
for (j=0; J L=2]
                                   data [0] = data [2]
                                    data To ] = 3
J = 0
If (data [0] < Pivot)
                                  data [end] = t -> data [2] = 7
                      faise (x)
                                  return (-1+1) -> return (0)
                                  data = [ 3, 1, 7, 9, 87, 45, 45, 255)
If ( data [1] < Pivot)
                                  Tabi Urutar yang terjadi saat 1=3
                       faise (x)
               4 3
                                  adalah:
                                     [25,24,24,48,8,1,1,E] = alah
If (data [2] < Pivot)
                43
                        faise (x)
```