

(10) 2 8 19 11 59 23 -4 0 19 67 12
 ↑ ↑
 P P
 0 0

(10) ~~4~~ 8 11 11 59 23 3 0 19 61 12

• Pivot = 8

swap P & Q

Swap P & Q

p & a crossed each other hence replace Pivot by a

$\rho = 59$

$\begin{array}{ccccccc} 23 & 11 & 14 & 19 & 67 & 12 \\ \uparrow & \downarrow & \downarrow & \uparrow & & \uparrow \\ p & & & p & & p \\ & & & & & 0 \end{array}$

Swap P & Q

(59) $\begin{array}{ccccccc} 23 & 11 & 17 & 12 & 67 & 79 \\ \uparrow & & & \uparrow & & \uparrow \\ p & & & q & & p \end{array}$

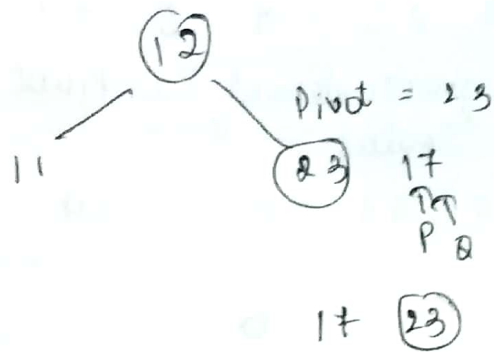
PE crossed

PE 6
 23 11 17 59 67 79
 23 11 17 67 79

(12) 23 11 17
 ↑ ↑
 0 2

(12)

11 (12) 23 14



sorted array is

-10 -4 0 3 11 12 14 23 67 99