

① Ilustrasi Insertion Sort

25 7 9 13 3 Step 0

Indekspointer

7 25 9 13 3 Step 1

7 9 25 13 3 Step 2

7 9 13 25 3 Step 3

3 7 9 13 25 Step 4 : hasil yang sudah diurutkan

② Ilustrasi Bubble Sort

25 7 9 13 3 Indeks : 4

25 7 9 13 3 J=4 i=1

25 7 9 3 13 J=3

25 7 3 9 13 J=2

25 3 7 9 13 J=1

3 25 7 9 13 J=4 i=2

3 25 7 9 13 J=3

3 25 7 9 13 J=2

3 7 25 9 13 J=1 i=3

3 7 25 9 13 J = 3

3 7 9 25 13 J = 4 I = 4

3 7 9 13 25 hasil Akhir dari pengurutan Bubble Sort

③ Ilustrasi Selection Sort

25 7 9 13 3

↑ = pointer

25 7 9 13 3

↑

3 7 9 13 25

↑

3 7 9 13 25

↑

3 7 9 13 25

↑

3 7 9 13 25 hasil Akhir dari pengurutan Selection Sort

④ Ilustrasi Shell Sort

0 1 2 3 4
25 7 9 13 3

Jarak : $\frac{\text{panjang data}}{2} = \frac{5}{2} = 2,5 = 2$

3 7 9 13 25

3 7 9 13 25

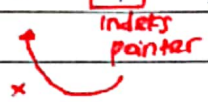
Jarak : $\frac{2}{2} = 1$

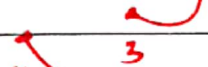
3 7 9 13 25

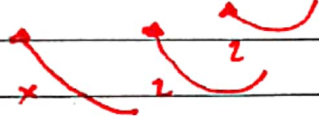
hasil Akhir dari Shell Sort

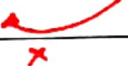
7) Algoritma Insertion Sort


Data : -2 4 3 2 10 25

-2 4 3 2 10 25 Step 0


-2 4 3 2 10 25 Step 1


-2 3 4 2 10 25 Step 2


-2 2 3 4 10 25 Step 3


-2 2 3 4 10 25 Step 4


-2 2 3 4 10 25 Step 5 → Akhir