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Kelas : 2C

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1 Insektion sort.

25	7	9	13	3
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Carpe indeks ke 0 = (25)

0	25	7	9	13	3
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1.	25	7	9	13	3
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-7 lebih kecil dari 25 maka ditukar

2.	7	25	9	13	3
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~~7 < 25~~ maka tukar. $g = 7$ jika $7 < 25$

3.	7	9	25	13	3
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-B lebih kecil dari 25 maka tukar
 $13 > 9$ maka tukar.

4.	7	9	13	25	3
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-3 < dari semua angka di tabel
 maka Pengurutanya den' yg lebih

5.	3	7	9	13	25
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kecil.

2 bubble sort

25, 7, 9, 13, 3.

a. i = 1

j = 4

25 7 9 [13 3]

j = 3

25 7 [9 13]

j = 2

25 [7 9] 13

j = 1

25 [3 7] 9 13

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b. i = 2

j = 4

25 7 [9 13]

j = 3

25 7 [9 13]

j = 2

25 [7 9] 13

No. _____

Date : _____

c) $i = 3$

$j = 4$

3 7 25 9 13

$j = 3$

3 7 25 9 13

d) $i = 4$

$j = 4$

3 7 9 25 13

Terakhir = 3 7 9 13 25

3.

Selection sort..

0 1 2 3 4

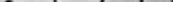
25 7 9 13 3

- 25 7 9 13 3
| _____]

- 3 7 9 13 25

4 Shell sort.

Jarak 2 :

0	1	2	3	4
25	7	9	13	3
				
3	7	9	13	25

$$\text{jarak} = 1$$

3	7	9	13	25
3	7	9	13	25

P Pencaarian sequential : Cari = 13

Indeks : 0 1 2 3 4

Data : 3 7 9 13 25

Posisi awal : ↑

Posisi akhir : ↓

Posisi tengah : ↓

IF cari = data[Posisi tengah] $\rightarrow 13 = 9 \rightarrow \text{False}$

~~else if cari < data~~

Step 2

0 1 2 3 4
3 7 9 13 25

Posisi awal = 0 ↑

Posisi akhir = 1 ↑

Posisi tengah : $(0+1)/2 = 0,5$

Cari di kanan

Step 3 0 1 2 3 4
3 7 9 13 25

Posisi awal : 1 ↑

Posisi akhir : 3 ↑

Step 4 0 1 2 3 4
3 7 9 13 25

Posisi awal : 3 ↑

a akhir : 3 ↑

IF Cari = data[Posisi tengah] $\rightarrow 13 = 13 \rightarrow \text{True}$

