Insertion Sort
Data = 25 ,7,9,13,3
- Pointer :1
25 [7 / 9 13 3
pointer rebili Lucil Lari Indeles Sebelumnya
Maka dilikar
7 [25] [9] 13 3
- Pointer = 2
Pointer lebit kecil dari Indeus Sebelumnya
Mara Lifebar
79 [25 [13] 3
- Pointer = 3, jua pointer lebih kacil dour i
indeus Sebelumnya maka ditukar
7 9 13 [25] [3]
- Pother - 4, Jua pointer lebih hecil dani
inderes Sebelumnya maren Lihar
7 9 [13] 3 25
Panhar lebih kecil Maha dihkar
Fig 25
pointer lebih kecil Maka dituar
7 19 3 13 25
Painur Jeloih kecil Maka dikkar
3 7 9 13 25

The state of the s	the second secon
	T
2. Bubble Cert	
Data: 25,7,9,13,3	
J = Para length -1	
17 pobila Dava length -1 lebih besar dari d	ava. lenyth, lerjodi penuluran
1=1, 14=25,7,9,[13,[3] 34	13. Thee, Makes twar
	. 5 , The Make that
12: 25,7,8,9,13 32	7. True, Maria Likar
91 = 2513,719,13 32	25 The mana huar
i=2,]4=3,25,7,9,[13].13	Lg, False, Hidak ditukar
13 - 3 - 25, 7, 19, 13 9	47 false, fidak dithuar
13 = 3 : 25, 7 19 : 13 9 12 = 3 (27) 17 : 19 : 13 7	125 The, maka than
	(0.60)
1=3, 14=3,7,25,9,13 13	
73 = 3,7,25,9,13 3	2 8, 100 , read mar
i=4, 14 = 3,7,9,25,[13] 13	1 or Thue Maka 1
174, 14 - 31 F(1)(10)(1)	25 The Thomas rucar
-lasil auhir = 3,7,9,13,25	
(active)	
3. Selection Sort	dari point, maka hidak ditukar
Data = 25,7,9,13,3	- Poinur · 3
· Pointer = 0	3 7 9 [13) 25
25 7 9 13 3	Icarepa hidan ada dara 19
	lebih kecil Sari pointer maton
3,7,9,13,25	tidan dihkar
- point 1	Hasil alchir = 3,7,9,13,
3 7 9 13 25	
horena tridau ada dara 19 lebih	
kecil dari pointer, Maka tidak dituar	
- Puinter = 2	
3 7 9 13 28	
parena hidau ada dara 19 lebih hecil	
senting the sent of the sent o	and the same of th

4. Shell Sort
Data = 25,719,13,3
3 = Para length /2
= 5/2
= 2.5 Bornling -72
J=2, [25, 7, 19, 13, 13]
25 Lg L3 Penularan -7 3 Lg Lzf. Jadi
[3] [9] [3
Perbandingan kudua antara indeus 1 dan 3, 7 < 13 hidau dikuar
[3[7]9]13)25)
3=2/2=1 [3]79[13]25 , dibanding 1/1 1 Jua ada 19 lebih keti,
mara aran difuar ke him
Hasil alchir = 3,7,9,13,20
7. Incertion Sort & binary Search
Dola = 25,7,9,13,3
î = 1
] = i-1, Jadi data indeks 1 alian dibandingkan din dava indek 0
7 < 25 True, Tuear -7 7, 25, y 113, 3
itt = 2
9 L 25 True, Tunar -> 7,9,25,13,3-7 3 67, false, posisi Hap
13 L28 True, Tunar -> 7.9 13,25,3 -> 13 69 False, Posisi belap
1++ = 4
13 225 True, theor -> 7,9,13,3,25
3 L 13 towar -> 7,9,3,13,25
369 feller -> 71319113125 367 feller -> 31719113125
32 + two - 31713121
Hasil Surving 3,7,9,13,25

7) in Dinnary Search Data = 3,7,9,13,25 Pointer: batas awal + batas alkhir /2 (c+4)/2 = 2 boint = 0 Scanner : Maçukan angua 19 anda cari = 13/1 1 = Data (point) = Scanner Maka down ditemplan Tika Lava (point) 7 g canner Maka Con di kini Else cari dihanar masunar le else Madi 9 > 13 maka cari di kanpun Datas awal = point + 1