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## Bab 2 No 1A dan 1B

### a) Algoritma soal\_1a

Variabel x, y dan z adalah integer, ptr adalah pointer integer

1. x = 50; y = 60; z = 70
2. ptr =&x
3. \*ptr \*= 10
4. ptr =&y
5. \*ptr \*= 5
6. ptr =&y
7. \*ptr \*= 2
8. Write ("Nilai x = ", x, " Nilai y = ", y, " Nilai z = ", z)
9. Halt

step	x	y	z	*ptr	ptr	output
1	50	60	70			
2	50	60	70	50	0x61feb4	
3	500	60	70	500	0x61feb4	
4	500	60	70	60	0x61feb0	
5	500	300	70	300	0x61feb0	
6	500	300	70	300	0x61feb0	
7	500	600	70	600	0x61feb0	
8						Nilai x = 500 Nilai y = 600 Nilai z = 70
9	end					

b) Algoritma soal\_1b

Variabel x, y dan z adalah integer, ptr adalah pointer integer

1. x = 25; y = 50; z = 75
2. ptr =&x
3. \*ptr += 10
4. ptr =&y
5. \*ptr += 5
6. ptr =&y
7. \*ptr += 2
8. Write ("Nilai x = ", x, " Nilai y = ", y, " Nilai z = ", z)
9. Halt

step	x	y	z	*ptr	ptr	output
1	25	50	75			
2	25	50	75	25	0x61feb4	
3	35	50	75	35	0x61feb4	
4	35	50	75	50	0x61feb0	
5	35	55	75	55	0x61feb0	
6	35	55	75	55	0x61feb0	
7	35	57	75	57	0x61feb0	
8						Nilai x = 35 Nilai y = 57 Nilai z = 75
9	end					