Relacion de ejercicios Tema 1

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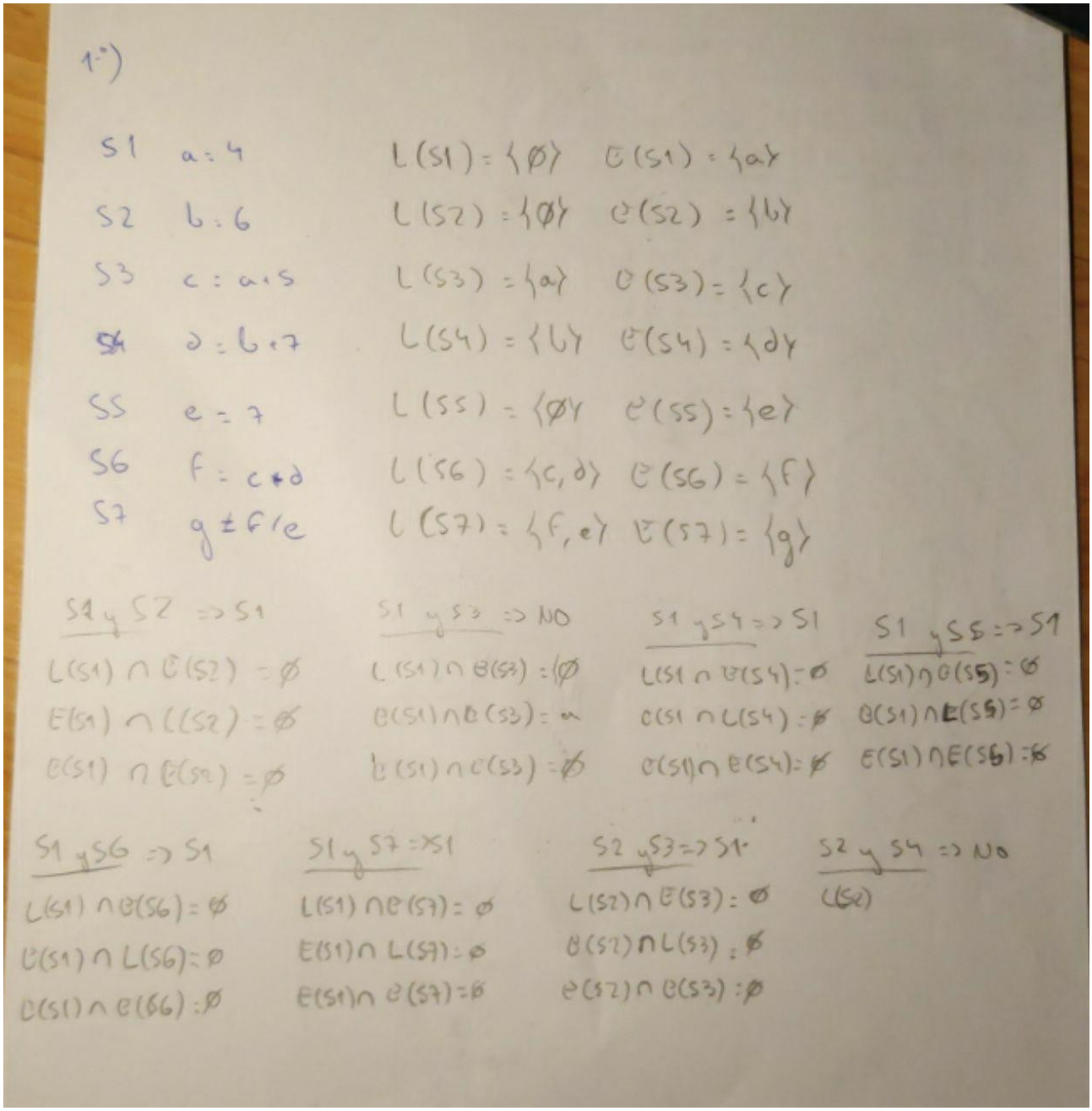
Grupo A

Ejercicio 1 y Ejercicio 2



1.°)

S1 a = 4 — L(S1) = {∅} E(S1) = {a}

S2 b = 6 — L(S2) = {∅} E(S2) = {b}

S3 c = a + 5 — L(S3) = {a} E(S3) = {c}

S4 d = b + 7 — L(S4) = {b} E(S4) = {d}

S5 e = 7 — L(S5) = {∅} E(S5) = {e}

S6 f = c + d — L(S6) = {c, d} E(S6) = {f}

S7 g = f / e — L(S7) = {f, e} E(S7) = {g}

S1 y S2 => S1
L(S1) ∩ E(S2) = ∅
E(S1) ∩ L(S2) = ∅
E(S1) ∩ E(S2) = ∅

S1 y S3 => NO
L(S1) ∩ E(S3) = ∅
E(S1) ∩ E(S3) = ∅
E(S1) ∩ L(S3) = ∅

S1 y S4 => S1
L(S1 ∩ E(S4) = ∅
E(S1 ∩ L(S4) = ∅
E(S1) ∩ E(S4) = ∅

S1 y S5 => S1
L(S1) ∩ E(S5) = ∅
E(S1) ∩ L(S5) = ∅
E(S1) ∩ E(S5) = ∅

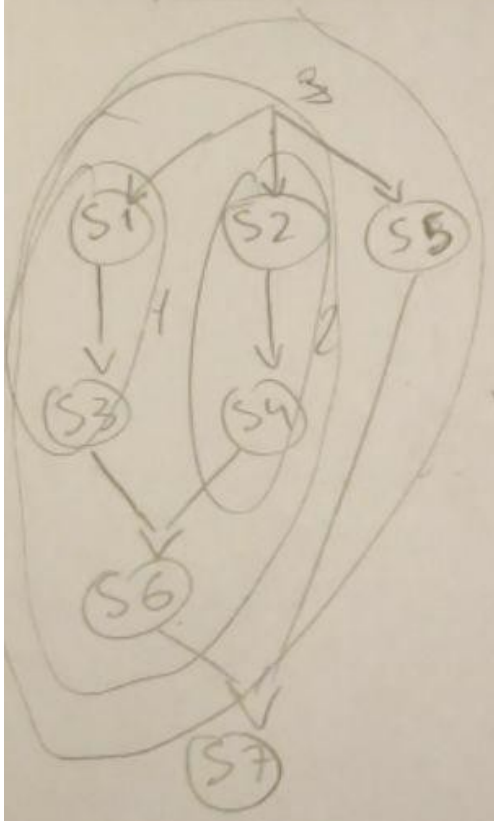
S1 y S6 => S1
L(S1) ∩ E(S6) = ∅
E(S1) ∩ L(S6) = ∅
E(S1) ∩ E(S6) = ∅

S1 y S7 => S1
L(S1) ∩ E(S7) = ∅
E(S1) ∩ L(S7) = ∅
E(S1) ∩ E(S7) = ∅

S2 y S3 => S1
L(S2) ∩ E(S3) = ∅
E(S2) ∩ L(S3) = ∅
E(S2) ∩ E(S3) = ∅

S2 y S4 => NO
L(S2)

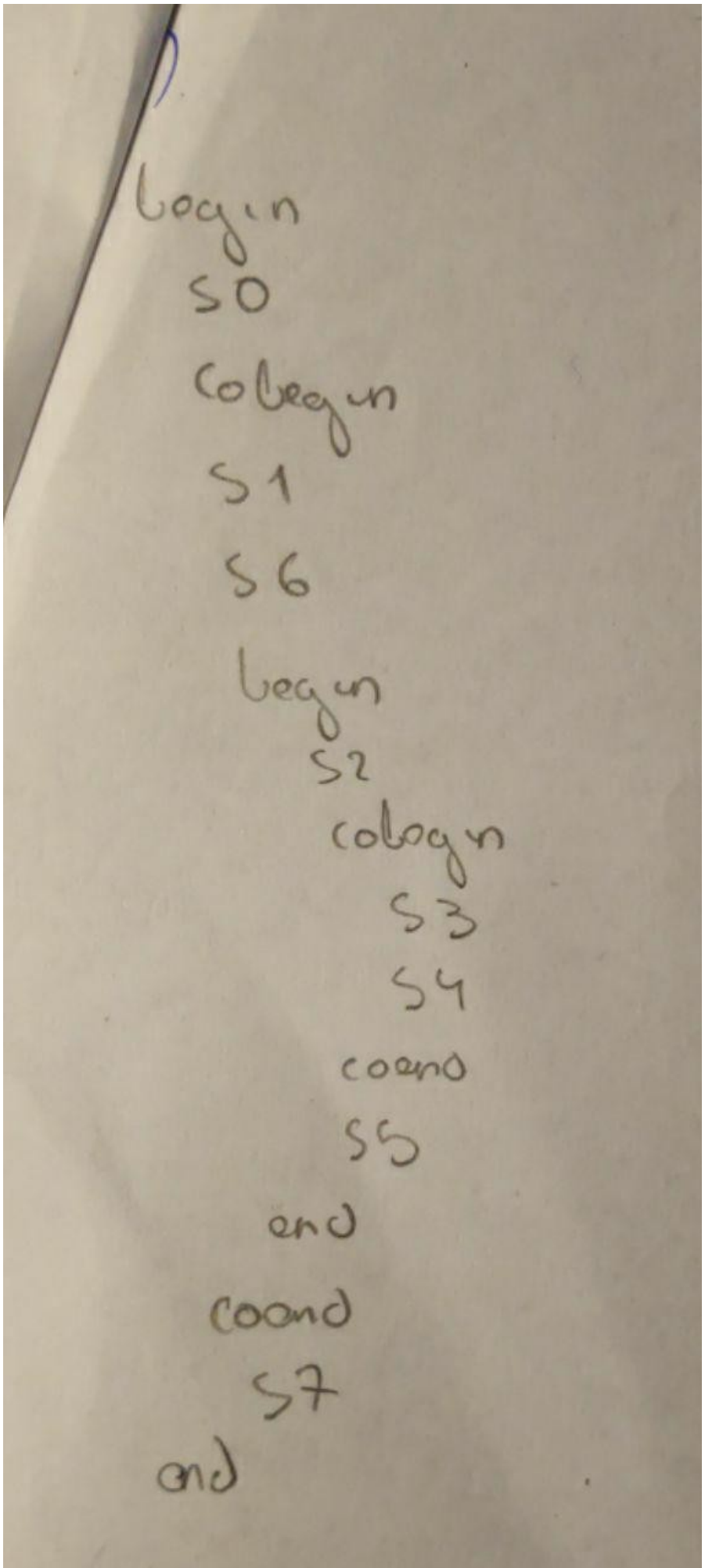
	S1	S2	S3	S4	S5	S6	S7
S1	-	S1	NO	S1	S1	S1	S1
S2	-	-	S1	NO	S1	S1	S1
S3	-	-	-	S1	S1	NO	S1
S4	-	-	-	-	S1	NO	S1
S5	-	-	-	-	-	S1	S1
S6	-	-	-	-	-	-	NO
S7	-	-	-	-	-	-	-



2.°)

1 begin
2 Cobegin
3 begin
4 Cobegin
5 begin
S1
S3
5 end
6 begin
S2
S4
6 end
4 Coend
S6
3 end
S5
2 Coend
S7
1 end

Ejercicio 3


begin
S0
cobegin
S1
S6
begin
S2
cobegin
S3
S4
coend
S5
end
coend
S7
end

Ejercicio 4

4.º)

S1: cuad = x * x L(S1) = {∅} E(S1) = {cuad}

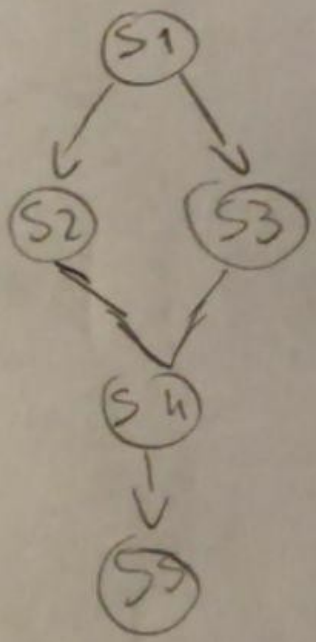
S2: m1 = a * cuad L(S2) = {cuad} E(S2) = {m1}

S3: m2 = b * x L(S3) = {∅} E(S3) = {m2}

S4: z = m1 + m2 L(S4) = {z} E(S4) = {m1, m2}

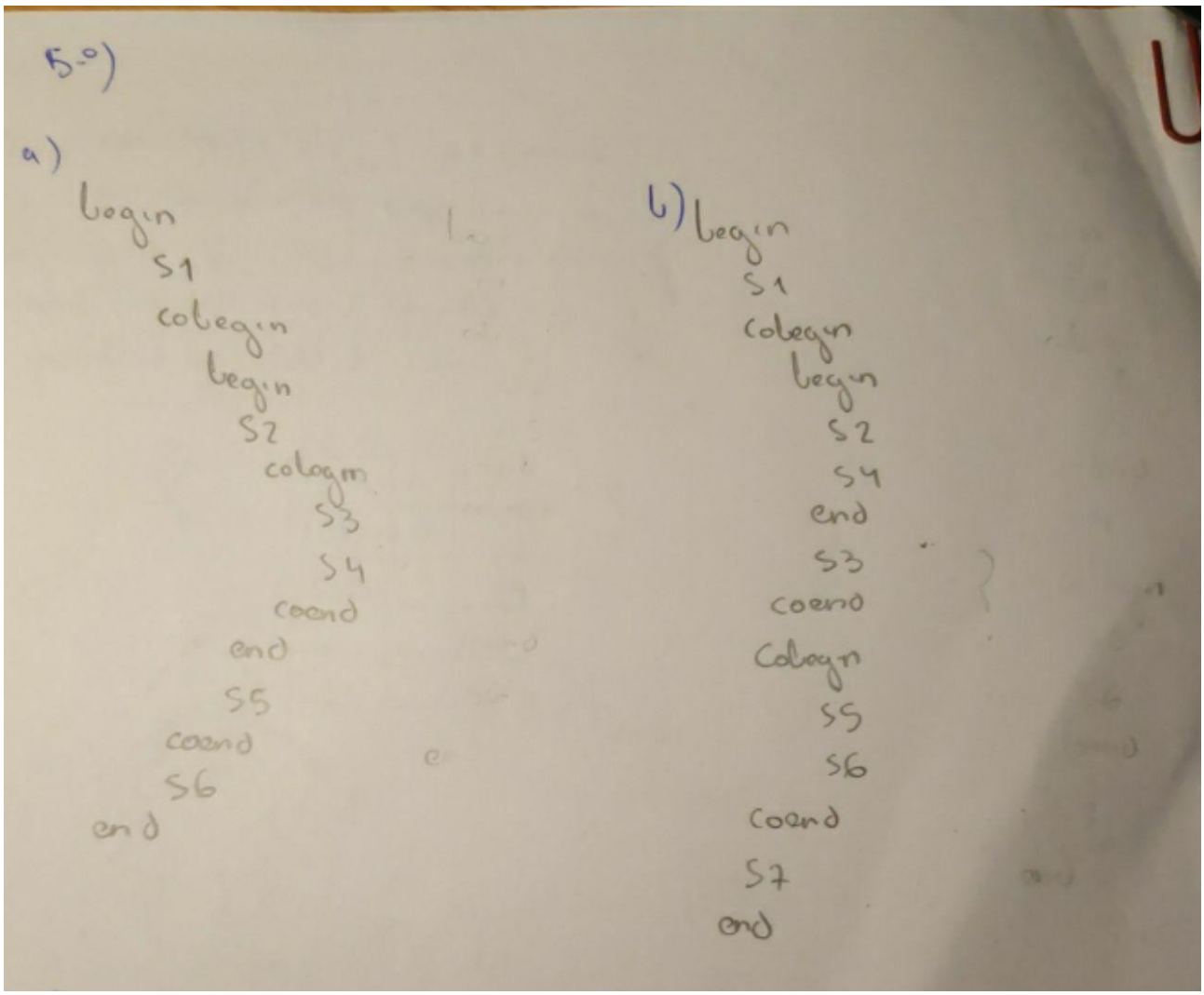
S5: y = z + c L(S5) = {y} E(S5) = {y}

	S1	S2	S3	S4	S5
S1	-	NO	S1	S1	S1
S2	-	-	S1	NO	S1
S3	-	-	-	NO	S1
S4	-	-	-	-	NO
S5	-	-	-	-	-




```
begin
  S1
  Cobegin
    S2
    S3
  Coend
  S4
  S5
end
```

Ejercicio 5



Ejercicio 6 y 7