Programa en pseudocodigo:

```
int x = X+1, b = Y;
sub mehz (int c){
  b := x+c;
}
sub K (int b, sub go, sub Ku){
  sub mehz (int c){
    x := b-c;
  }
  int x = Z+1;
  if (b < 3*(X+1)){
    K (b+3*(X+1), mehz, go);
  } else if (b < 6*(X+1)){
    K (b+3*(X+1), Ku, mehz);
  } else {
    int b = Z-b;
    go (x+b);
    Ku (x-b);
  }
  print (x, b)
}
K (x, mehz, mehz);
print (x, b)
```

Alcance estático - asociación profunda:

Ku (mehz 8)	~~11~~ c 15

go (mehz G)	16 c 13

X = 1
Y = 2
Z = 0

Imprimo:

1	14
1	8
1	2
-7	-11

K			
	15	b	14
	14	x	1
	13	mehz	sub
	12	Ku	mehz 8
	11	go	mehz G
	10	b	14

→ Entro en else

x	G
b	5

Entro en: (8 < 12)
b < 6*(X+1)

K			
	9	x	1
	8	mehz	sub
	7	Ku	mehz G
	6	go	mehz 3
	5	b	8

x	G
b	0

Entro en: (2 < 6)
b < 3*(X+1)

K			
	4	x	1
	3	mehz	sub
	2	Ku	mehz G
	1	go	mehz G
	0	b	2

x	G
b	G

x	G
b	G

global		
mehz	sub	
mehz	sub	
b	~~x~~	-11
x	~~x~~	-7

Programa en pseudocodigo:

```
int y = X+1, b = Y;
sub mehy (int c){
   b := y+c;
}
sub K (int b, sub go, sub Ku){
   sub mehy (int c){
      y := b-c;
   }
   int y = Z+1;
   if (b < 3*(X+1)){
      K (b+3*(X+1), mehy, go);
   } else if (b < 6*(X+1)){
      K (b+3*(X+1), Ku, mehy);
   } else {
      int b = Z-b;
      go (y+b);
      Ku (y-b);
   }
   print (y, b)
}
K (y, mehy, mehy);
print (y, b)
```

• Alcance dinámico - Asociación profunda

Ku (mehy 8)	IT	C	15

go (mehy G)	16	C	-13

X = 1
Y = 2
Z = 0

Imprimo:

1	14
9	8
1	2
2	-11

K

15	b	-14	→ Entro en else
14	y	1	
13	mehy	sub	
12	Ku	mehy 8	→ y 9, b 5
11	go	mehy G	
10	b	14	

→ Entro en: (8 < 12), b < 6*(X+1)

K

9	y	1	9
8	mehy	sub	
7	Ku	mehy G	
6	go	mehy 3	→ y 4, b 0
5	b	8	

→ Entro en: (2 < 6), b < 3*(X+1)

K

4	y	1	
3	mehy	sub	
2	Ku	mehy G	→ y G, b G
1	go	mehy G	→ y G, b G
0	b	2	

global

K	sub
mehy	sub
b	~~2~~ -11
y	2

Programa en pseudocodigo:

```
int x = X+1, b = Y;
sub mehz (int c){
   b := x+c;
}
sub K (int b, sub go, sub Ku){
   sub mehz (int c){
      x := b - c;
   }
   int x = Z+1;
   if (b < 3 * (X+1)){
      K (b+3*(X+1), mehz, go);
   } else if (b < 6 * (X+1)){
      K (b+3*(X+1), Ku, mehz);
   } else {
      int b = Z - b;
      go (x+b);
      Ku (x-b);
   }
   print (x, b)
}
K (-x, mehz, mehz);
print (x, b)
```

Alcance estático - Asociación superficial.

Ku (mehz8)	17	c	10

go (mehzG)	16	e	-13

X = 1
Y = 2
Z = 0

Imprimo:

1 14
1 8
1 2
-21 2

global	
K	sub
mehz	sub
b	2
x	~~2~~ -21

K			
	15	b	~~14~~ -11
	14	x	1
	13	mehz	sub
	12	Ku	mehz8
	11	go	mehzG
	10	b	14

→ Entro en else

Entro en: (8 < 12)
b < 6 * (X+1)

K			
	9	x	1
	8	mehz	sub
	7	Ku	mehzG
	6	go	mehz3
	5	b	8

x	G
b	15

Entro en: (2 < 6)
b < 3 * (X+1)

K			
	4	x	1
	3	mehz	sub
	2	Ku	mehzG
	1	go	mehzG
	0	b	2

x	G
b	15

Programa en pseudocodigo:

```
int x=X+1, b=Y;
sub mehz (int c){
   b := x+c;
}
sub K (int b, sub go, sub Ku){
   sub mehz (int c){
      x := b-c;
   }
   int x = Z+1;
   if (b<3*(X+1)){
      K (b+3*(X+1), mehz, go);
   } else if (b<6*(X+1)){
      K (b+3*(X+1), Ku, mehz);
   } else {
      int b = Z-b;
      go (x+b);
      Ku (x-b);
   }
   print (x, b)
}
K (x, mehz, mehz);
print (x, b)
```

Alcance dinámico – Asociación superficial

X = 1
Y = 2
Z = 0

Imprimo:

-25	14
1	8
1	2
2	2