```
    input  : x, y
    output: z
 1  For - Else example;
 2  forall i of S₁ do
 3  │  text;
 4  end
 5  for i = 1 to max do
 6  │  text;
 7  end
 8  foreach i in the set do
 9  │  text;
10  end
11  for i in range() do  text;
12  ;
13  for i in range() do  text;
14  // Nesting of two for loops
15  for i = 1 to max do
16  │  text1;
17  │  for i in range() do
18  │  │  text2;
19  │  end
20  end
```