```
notes_correction 1 sur 2
```

```
2 E -> max ( E LAM )
   LAM -> ',' E LAM
     //Mot vide
   TOKENS={MAX}
11 E : max( e1=E1 LAM) -> ^(MAX e1 LAM?)
13 LAM -> ',' E LAM -> E LAM?
      //Mot vide
17 Q3.
19 E[ts]:
    max(E1[ts] LAM[ts, max_place])
20
22
       max_place = NouvVar();
       E.code = E1.code @@ (=, max_place , E1.place , _ ) @@ LAM.code ;
23
       E.place = max_place;
25
26 ;
   LAM[ ts , max_place ]:
28
     ',' E[ts] LAM[ts, max_place]
31
       label suite = NouvLabel();
32
       resultat = NouvVar();
       LAM.code = E.code @@ (>=, resultat , max_place, E.place) @@
               (ifnz label_suite, resultat, _ , _ )@@
               (=, max_place, E.place, _ )@@
               (label label_suite, _ , _ , _ )
     //Mot vide
40 ;
42 Exemple:
       \max(3+2, x+2, 11)
44
45
       (+, t0, 3, 2)
46
       (=, max_place, t0, _ )
       (>=, res1, max_place, t1)
       (ifnz label_suitel, resl, _ , _ )
51
       (=, max_place, t1, _ )
52
       (label label_suite1, _ , _ , _ )
54
       (const 11, t2, _ , _ )
55
       (>=, res2, max_place, t2)
       (ifnz label_suite2, res2, _ , _ )
57
        (=, max_place, t2, _ )
58
        (label label_suite2, _ , _ , _ )
60
61 Q4.
63 E -> argmax ( E LAM_indice )
64
   LAM_indice -> ',' E LAM_indice
          //Mot vide
66
69 E[ts]:
     max( E1[ts] LAM_indice[ ts , max_place , indice_place , indice_max_place] )
70
72
       max place
                    = NouvVar();
       indice_place = NouvVar();
73
       indice_max_place= NouvVar();
       E.code = E1.code @@ (=, indice_place , 0, _ )@@ (=, indice_max_place , 0, _ )
        @@ (=, max_place , E.place, _ ) @@ LAM_indice.code ;
75
       E.place = indice_max_place;
78
79 ;
```

notes correction 2 sur 2

```
LAM_indice[ ts , max_place , indice_place]:

',' E[ts] LAM_indice[ts, max_place , indice_place]

{
label_suite = NouvLabel();
resultat = NouvVar();
temp_indice = NouvVar();
LAM_indice.code = E.code @@ (>=, resultat , max_place, E.place) @@
(=, temp_indice, indice_place, _ )@@
(+, indice_place, temp_indice, 1 )@@

(ifnz label_suite, resultat, _ , _ )@@
(=, max_place, E.place, _ )@@
(=, indice_max_place, indice_place, _ )@@

(label label_suite, _ , _ , _ )

//Mot vide

// Mot vide
```