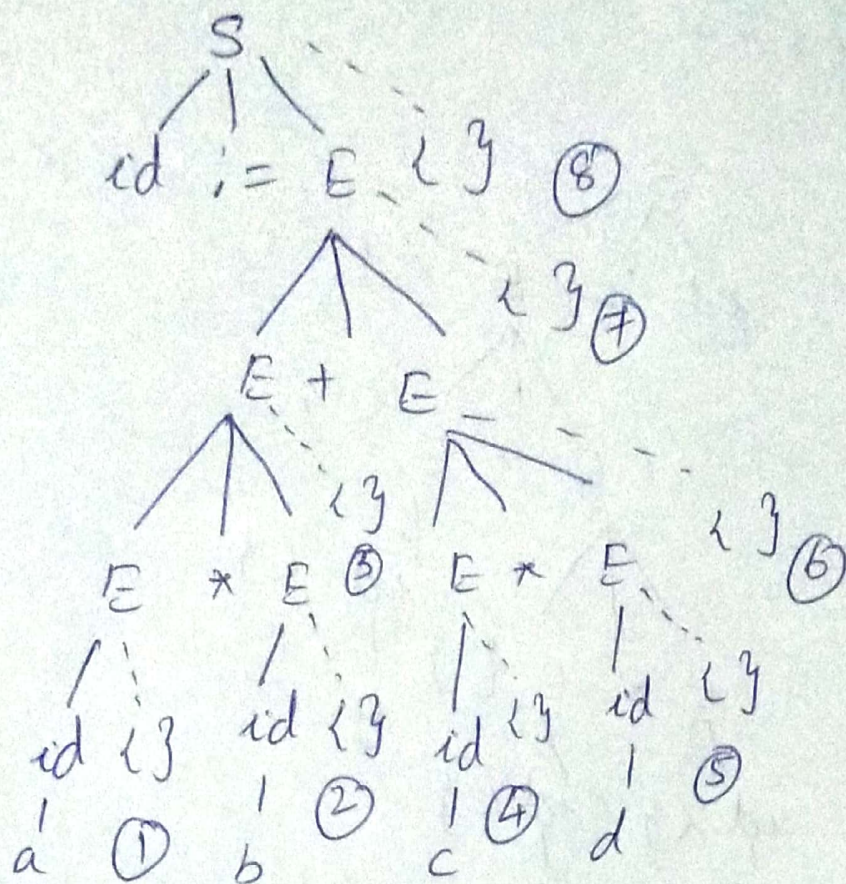


$x := a * b + c * d$



$E_1.place = a$

$E_2.place = b$

$E.place = t_1$

$t_1 = a * b$

$E_1.place = c$

$E_2.place = d$

$E.place = t_2$

$t_2 = c * d$

$E.place = t_3$

$t_3 = t_1 + t_2$

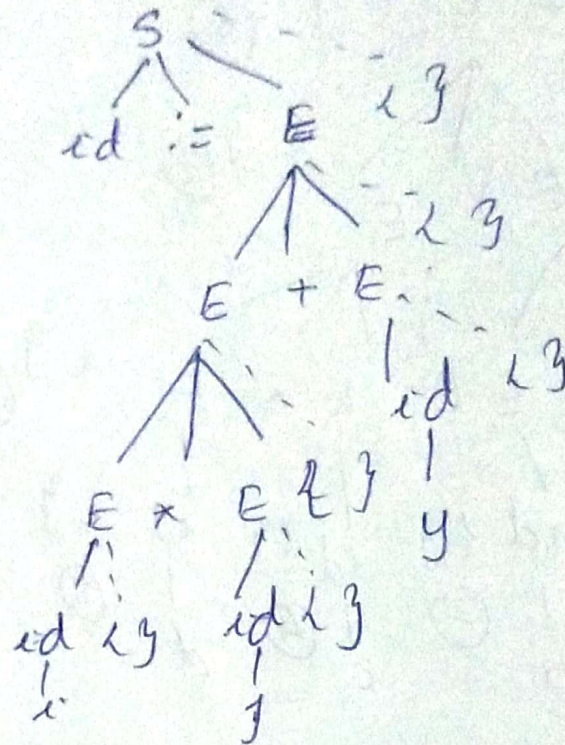
$x = t_3$



Real  $x, y;$

int  $i, j;$

$x := y + i * j$



$E_1.place = i$

$E_2.place = j$

$E_1.type = int$

$E_2.type = int$

$E.place = t_1$

$t_1 = i \text{ int} * j$

~~$E.place = E_1.type = int$~~

$E.place = y$

$E_2.type = real$

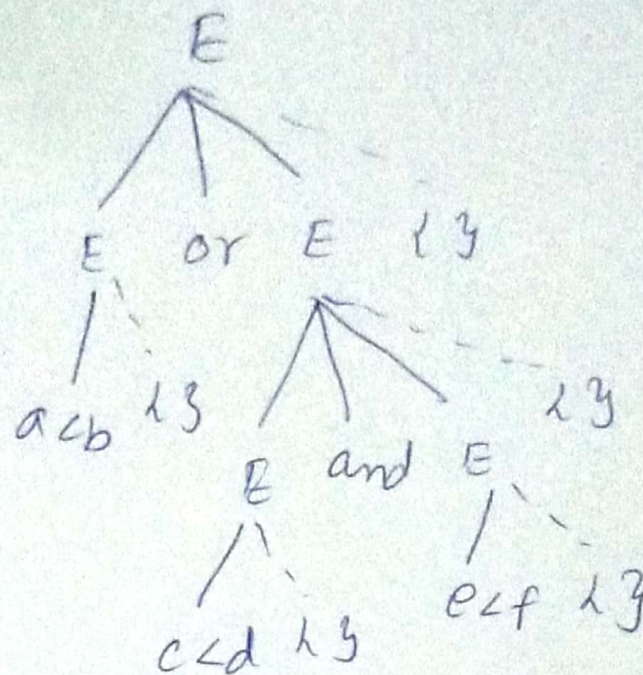
$t_2 = \text{int to real } t_1$

$t_3 = t_1 \text{ real} + y$

$x = t_3$



$a < b$  or  $c < d$  and  $e < f$



E.Place = t<sub>1</sub>

100: if  $a < b$  goto 103

101: t<sub>1</sub> = 0

102: goto 104

E.Place = t<sub>2</sub>

103: t<sub>1</sub> = 1

104: if  $c < d$  goto 107

105: t<sub>2</sub> = 0

106: goto 108

E.Place = t<sub>3</sub>

107: t<sub>2</sub> = 1

108: if  $e < f$  goto 111

109: t<sub>3</sub> = 0

110: goto 112

111: t<sub>3</sub> = 1

E.Place = t<sub>4</sub>

112: t<sub>4</sub> = t<sub>2</sub> and t<sub>3</sub>

E.Place = t<sub>5</sub>

113: t<sub>5</sub> = t<sub>1</sub> or t<sub>4</sub>