



Une grammet ce de genere il linguaggis è le seguente:

S -> a ABC | aAbBc C | AbBC | ABc C A -> a | aa A B -> b | bb B C -> c | cc C

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E Sec 210 2)
  int member (mt el, int a [), unt dim)
   {} int i = \emptyset;
    int trovato = Ø;
      while (i < dim 82 ! trovato)

if (a[i] = = el) trovato = 1;

else i++;
     return trovato;
   int formula (int at), int dima;
int b(), int dimb)
   Int con = 0;

while (i < dima 22 cont <= 2)

Lif (! member (a[i], b, dimb)) cont ++;
     return cont <= 2;
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E Sercizio 3 let split l m = let g × (ult, l2, l2) = motch ult with $[5] \rightarrow ([x], l1, l2)$ $[y] \rightarrow if x = n \text{ then } ([x], y :: l1, l2)$ ele ([x], l1, y :: l2) $\begin{array}{cccc} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$ X:: xs -> let (u,l1,l2) = polder j((2,0),(3)) in $(l1, \times:: l2);$

Esercizio 4) let split l m = let rec aux l m= metch luith $(C)\rightarrow (C),(C)$ $[(x] \rightarrow (t), (t))$ $|x::y::yS \rightarrow f$ let (l1, l2) = Split (y::yS) min if x = m then (y::l1, l2)else (l1, y::l2)in motel luit $\begin{array}{c} (1) \rightarrow (1) \\ (2) \rightarrow (1) \\ (3) \rightarrow (1) \\ (4) \rightarrow (4) \rightarrow (1) \\ (4) \rightarrow (4) \\ (4) \rightarrow$