ΑΡΧΕΣ ΓΛΩΣΣΩΝ ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ (Ακαδ. Έτος 2014-15)

3η Σειρά Ασκήσεων - Λύση 2ης άσκησης

 $\{B = a\}$

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[0] p(A,B)
    \{A = A, B = B\}
    1 --> 1
   p(X1,Y1) := q(Z1,X1), q(Z1,Y1), q(Y1,W1), q(W1,X1).
    {X1 = A, Y1 = B}
[1] q(Z1,A), q(Z1,B), q(B,W1), q(W1,A)
   \{A = A, B = B\}
    1 --> 2
   q(d,f).
    \{Z1 = d, A = f\}
[2] q(d,B), q(B,W1), q(W1,f)
    \{A = f, B = B\}
    1 --> 2
   q(d,f).
    \{B = f\}
[3] q(f,W1), q(W1,f)
    {A = f, B = f}
    1 --> 4
   q(f,b).
    \{W1 = b\}
[4] q(b,f)
    {A = f, B = f}
    1 --> EOP
    failure - backtracking
[3] q(f,W1), q(W1,f)
    \{A = f, B = f\}
    5 --> EOP
    failure - backtracking
[2] q(d,B), q(B,W1), q(W1,f)
    \{A = f, B = B\}
   3 --> 3
    q(d,a).
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A = fB = a