**Program No. :**

**Aim : Write a Program to solve the DFA Parser Problem.**

domains

integerlist=integer\*

predicates

del(symbol,integer,symbol)

start(symbol)

parse(integerlist)

final(symbol)

apply(symbol,integerlist)

clauses

del(a,0,a).

del(a,1,b).

del(b,0,a).

del(b,1,c).

del(c,1,c).

del(c,0,a).

start(a).

final(c).

parse(L):-

start(S),

apply(S,L).

apply(Q,[H|T]):-

del(Q,H,N),

apply(N,T).

apply(Q,[]):-

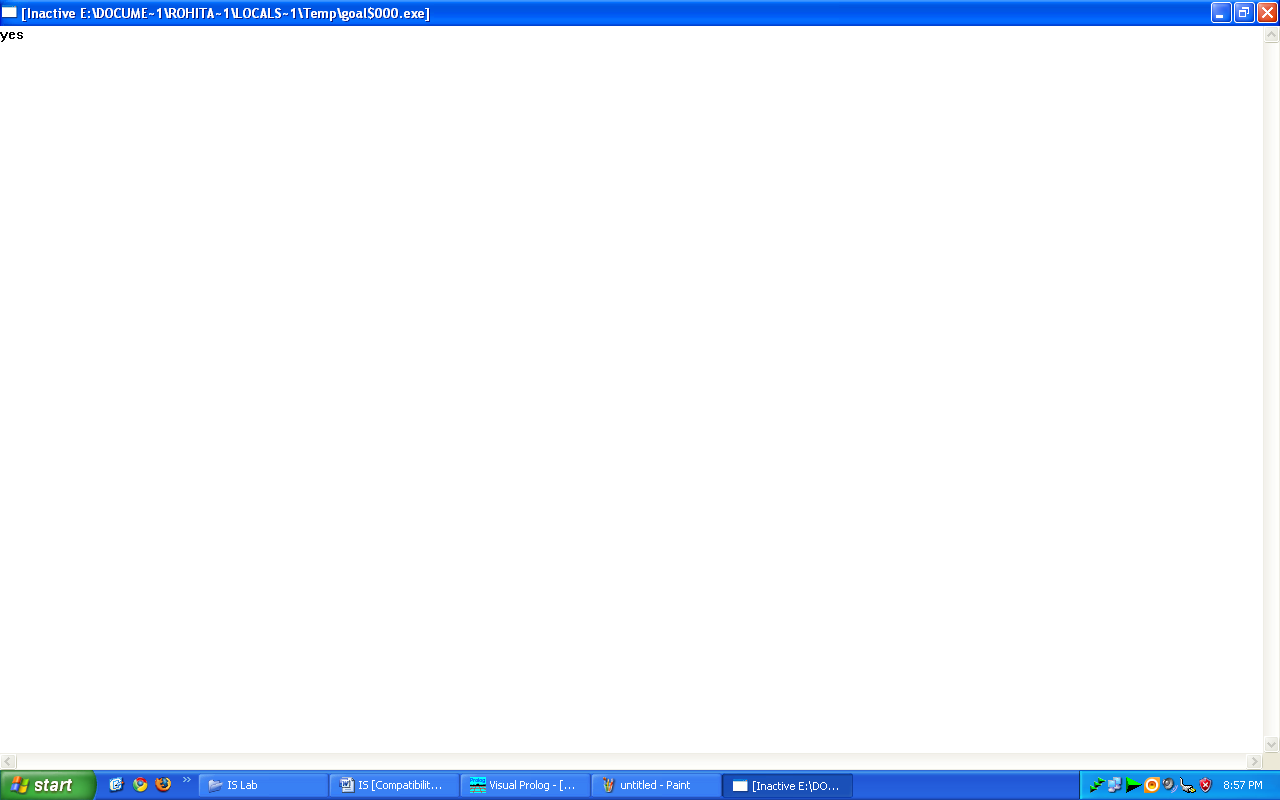
final(Q).

goal

parse([1,1,0,0,1,1]).

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**OUTPUT**