**Program No. :**

**Aim : Write a Program to find the factorial of a number.**

domains

n,s=integer.

predicates

fact(integer,integer).

clauses

fact(0,1):-!.

fact(N, Factorial) :-

write("Entering recursive rule for factorial with N = "),

write(N),

nl,

Nminus1 = N - 1,

fact(Nminus1, Nminus1Factorial),Factorial = N \* Nminus1Factorial.

goal

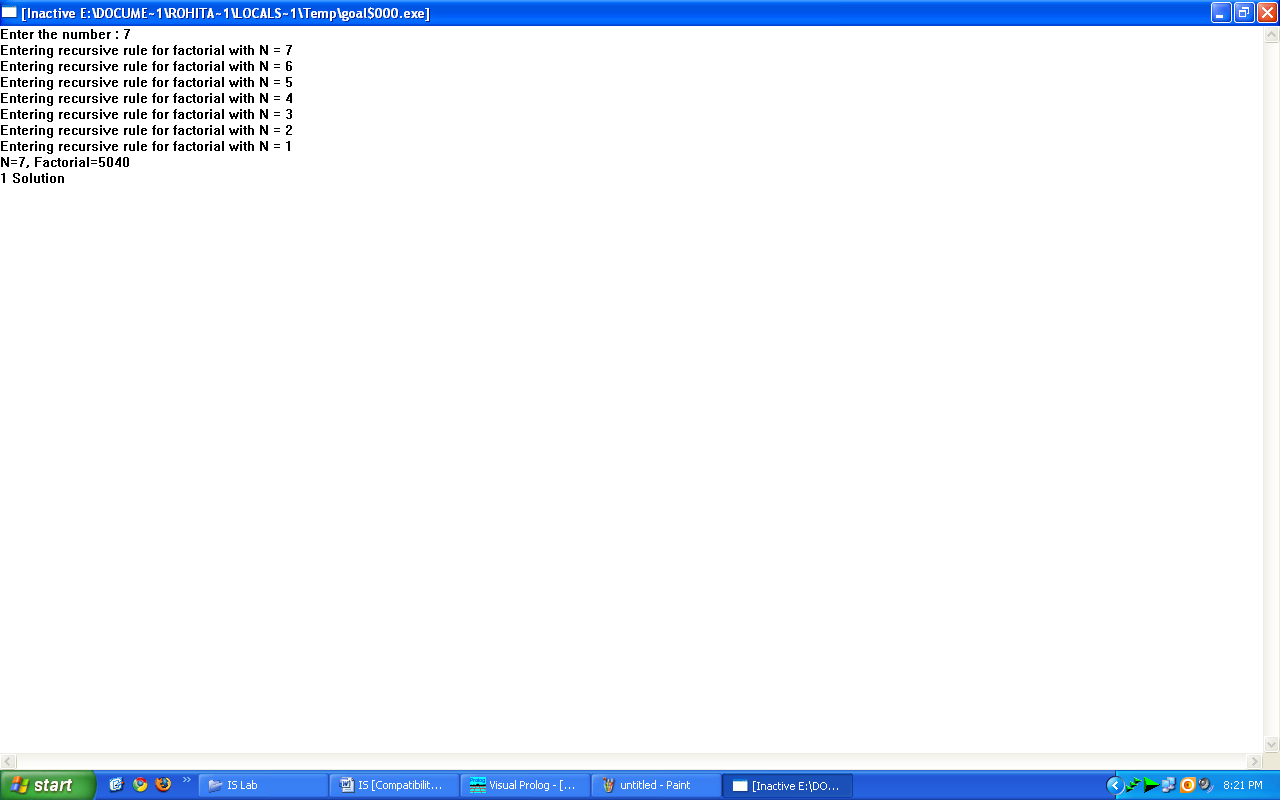
write("Enter the number : "),

readint(N),

fact(N,Factorial).

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**OUTPUT**