**Program No. :**

**Aim : Write a Program to solve the Tower of Hanoi Problem.**

predicates

hanoi(integer)

move(integer,symbol,symbol,symbol)

write11(symbol,symbol)

clauses

hanoi(N):-

move(N,left,middle,right).

move(1,A,\_,C):-

write11(A,C).

move(N,A,B,C):-

N>1,

N1=N-1,

move(N1,A,C,B),

write11(A,C),

move(N1,B,A,C).

write11(A,B):-

write("Move disk from ",A," to ",B),nl.

goal

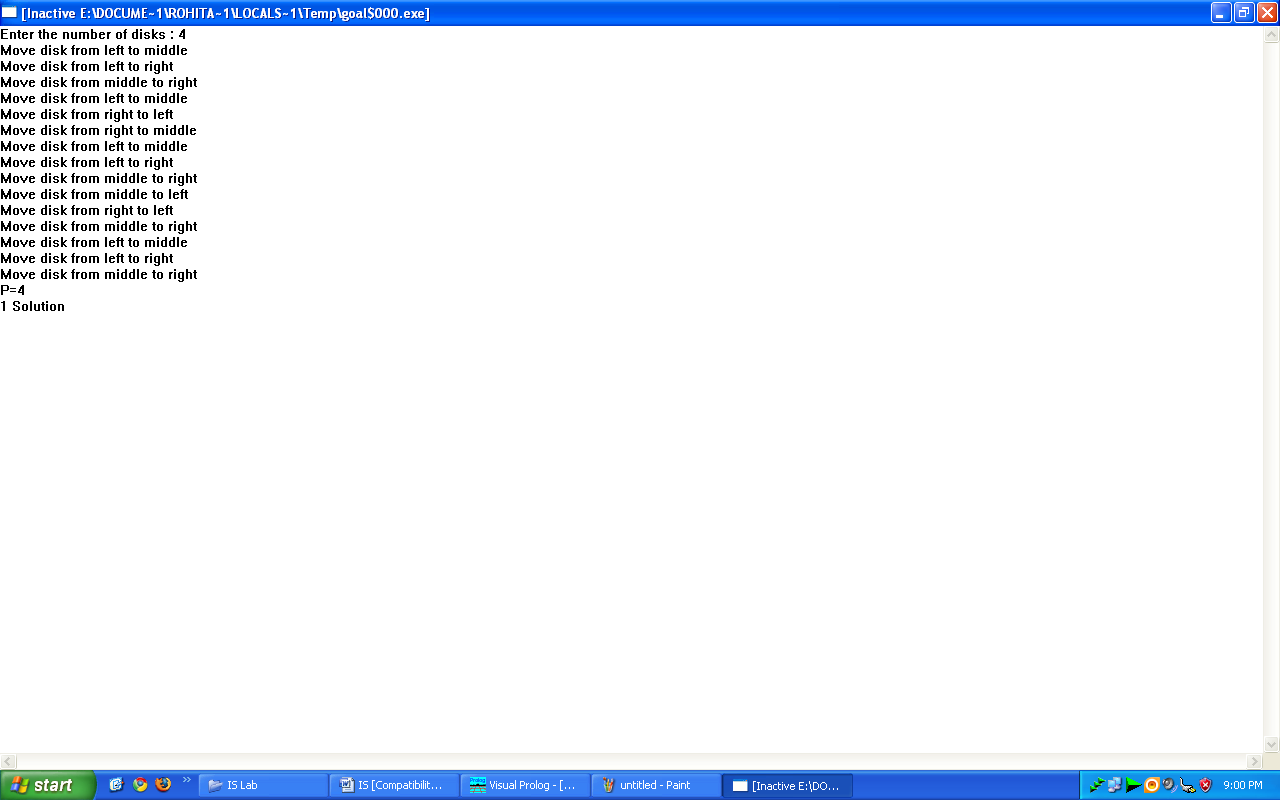
write("Enter the number of disks : "),

readint(P),

hanoi(P).

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**OUTPUT**