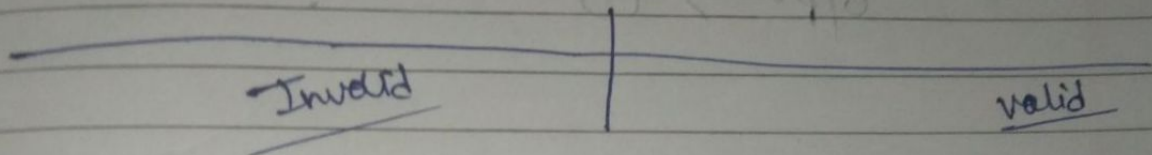


Hypothesis Induction

Base condⁿ :-

- 1) Smallest valid I/P
- 2) Smallest Invalid I/P



Step 1 Hypothesis design

Print(^{I/P}7) → n = 1 2 3 4 5 6 7

Step 2 Induction

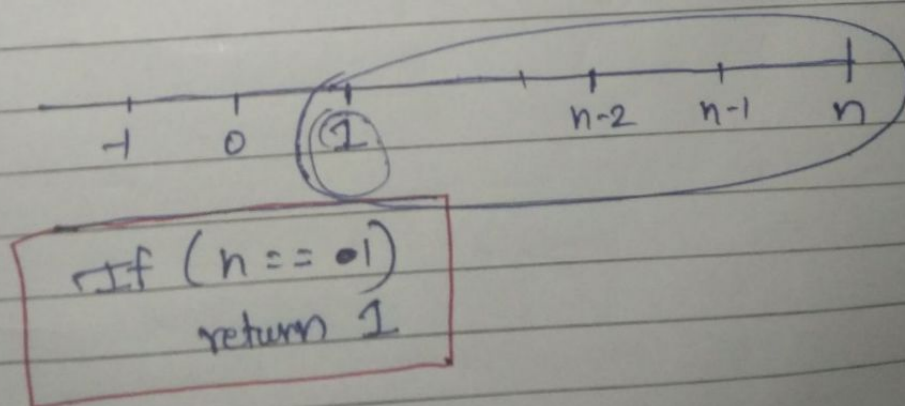
→ Print(n)
Base condition missed

→ Print(n-1)

1 to n

1 to n-1

Step 3 Base condⁿ :-



Recursion Tree

print(7)

(6)

(5)

O/p \rightarrow (i)

Simple :- IBH

Med \rightarrow Tree

Hard :- choice
diagram