Problem-8

HOHO.

P > Consist of the problems that are solvable in polynomial of time.

NP -> 62 PHoblems whose solution can be retuited in polynomial times. Heate

NP-Hand > 17 all problems in NP are polynomial. time redardble.

NP-Complete > If an NP-Hand is inside the set of not problem that NP complete

Now the difference between NP Hand and NP Complete

- Problem is NP-Hand if any Problem in NP Can be reduced to it in polynomial time.
 - 2 12 is not a decision
 - 3) NP-Hand Phoblems are:

 Halfing Phoblems

 Halfing

 L) Ventex Coven Rubbems.

- OA problem is NP complete if any problem in NP Can be reduced to it in polynomial time and its a NP.
- 1 Pt is eachernely decision publem.
- 3) NP- Complete Phoblems are L) Determining wheather the graph has a hamiltonian yele.
 - Determina wheether boolean Sommula is satisfiable or not