## ASSIGNMENT-1

1) a) for 
$$(i=1; i \times = n', i+1) \rightarrow n$$
 times  
for  $(j=i; j \times = n; j+1) \rightarrow n$  times  
print  $("Hi")"$ 

b) for 
$$(i=1; i < n; i \times = 3)$$
  $\rightarrow (log n)$  times for  $(j=1; j < = n; j + +)$   $\rightarrow n$  times  $printb("Hel"lo");$ 

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That  $T(n) = O(\log n) + O(n)$