

## Assignment Day 1 | 24<sup>th</sup> December 2020

### Question 1

1) Find the time complexity for the following scenarios

a.) for (l=1; l<=n; l++)

For (j=l; l<=n; j++)

Print("Hi")

Sol:  $O(1)$

b.) for (l=1; l<=n; l\*=3)

For (j=1; l<=n; j++)

Print("Hello")

Sol:  $O(\log n)$