**LETSUPGRADE- DATA STRUCTURES AND ALGORITHMS- ASSIGNMENT DAY 1**

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**Question 1**

1.) Find the time complexity for the following scenarios

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

for(j=i;i<=n;j++)

printf("Hi");

**Time complexity= O(n^2)**

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

for(j=1;i<=n;j++)

printf("Hello");

**Time complexity= O(nlog3(n))**