

# Assignment Day 1 | 24th December 2020

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**Find the time complexity for the following scenarios**

```
1). for(i=1;i<=n;i++)  
    for(j=i;i<=n;j++)  
        printf("Hi");
```

*Ans :  $O(n^2)$*

```
2). for(i=1;i<=n;i*=3)  
    for(j=1;j<=n;j++)  
        printf("Hello");
```

*Ans :  $O(n * \log(n))$*