

Assignment Day 1 | 24th December 2020

| *Raj Sandip Kaste*

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;i<=n;j++)  
        printf("Hello");
```

Ans: $O(\log n)$