

# Welcome to Jupyter!

find the time complexity of following pseudo code

```
for(i=1;i<=n;i=i*2) for(j=1;j<=1;j++) print("hello")
```

```
In [ ]: ANS : Here, there are two control statements which executes n no of times individually. So time complexity accounts  
to  $O(n) * O(n) = O(n^2)$ 
```