

DATA STRUCTURES & ALGORITHMS

Assignment - 2

Date : 09th March 2021

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QUESTION - 1

Find the Time Complexity of the following Pseudo Code

In []:

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

ANSWER

Time Complexity, $T(n) = O(n)$