**Day-2 Assignment**

**Question 1**

Find the time complexity of the following Pseudo Code

for( i = 1 ; i <= n ; i = i\*2)

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

print(“Hello”)

Solution:

for( i = 1 ; i <= n ; i = i\*2)

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

print(“Hello”)

**Time Complexity of Code is: O(n^2)**