**Assignment of Day 1**

**Name : Gayatri Vaibhav Surve.**

Gmail id : [gayatrisurve91@gmail.com](mailto:gayatrisurve91@gmail.com)

1.) Find the time complexity for the following scenarios

a.) for(i=1;i<=n;i++)

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

printf("Hi");

b.) for(i=1;i<=n;i\*=3)

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

printf("Hello");

**Answers :**

**Question ( A)**

**Time complexity of question A is n-square.**

**Question (B)**

**Time complexity of question B is O(nlogn).**