**DSA\_DAY-1\_ASSIGNMENT**

Question 1

1.) Find the time complexity for the following scenarios

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

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

printf("Hi");

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

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

printf("Hello");

Answer:

1.a)O(n^2)

b)O(logn+n)