Assignment 1 | 4th January 2021

Questions here

1.) Find the time complexity for the following scenarios

a.) for(i=1;i<=n;i++)
      for(j=i;i<=n;j++)
              printf("Hi");

Ans: - Hence, time complexity will be O(N^2).

b.) for(i=1;i<=n;i*=3)
      for(j=1;i<=n;j++)
        printf("Hello");

Ans: - Hence, time complexity will be O(N^2).