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

{

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

printf("Hi");

}

Ans: The outer loop will execute n times and the inner loop will also execute n times.

Therefore the time complexity is:**O(n^2).**

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

{

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

printf("Hello");

}

Ans:The outer loop will execute log(n) to the base 3 times the inner loop will also execute n times

Therefore the time complexity is:**O(n(log(n))**