Master Data Structure and Algorithms With C++ Day 1 Assignment

1. Find the time complexity for the following code snippet:

```
a = 1;
b = 1;
while(b <= n)
{
    a = a + 1;
    b = b + a;
    cout<<"Hi";
}
T(n)= O(\forall n)
```

2. Find the time complexity for the following code snippet:

```
for(i = n; i >= 1; i = i/3)
cout<<"Hi";
```

 $T(n)=O(\log n)$