# DataStructure Introduction assignments

**Mandatory**

1. Refer the code below and estimate the time complexity.

for(i= n ; i > 0; i++){

   for(j = 0; j<n;j\*2){

      cout<<i;

   }

}

Ans : O(nlogn)

b.

for(i= n ; i > 0; i++){

//some operation here

}

//m > n

for(j = 0; j<m;j++){

//some operation here

}

Ans : O(n+m)