**ManagerList class**

//create singleton instance of List

private static List list;

public ManagerList(){

if(List is null) return new List();

else return list;

}

public bool add(Manager m){

if(m is null) return false;

else {

list.add(m);

return true;

}

return false;  
}

public bool remove(Manager m){

if(m is null) return false;

else {

list.remove(m);

return true;

}

return false;

}

public bool update(Manager m){

if(m is null) return false;

else{

check if m is in the list by m's id

if m is in the list

list.remove(m);

list.add(m);

return true;

else

return false;

}

return false;

}

public bool isEmpty(){

return (list != null && list.size() == 0)

}

public List getMemberList(){

return list;

}

public Manager search(String name){

if the member(checked by name) is in the member list

return member;

else return null;

}