

# Homework 3

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1. Exercises (6-3) and (6-4)
  - (a) The destination container needs to be as big as the source container
  - (b) `vector<int> u(10,100);`  
`vector<int> v(u.size());`  
`copy(u.begin(), u.end(), v.begin());`
2. //Precondition: Iterator points to a valid list  
`assert(l != NULL);`
- 3.

```
bool is_sorted_alphabetically (vector<evl_wire> &evl_wires){
    for (size_t i=0; i< vector.size(); i++){
        if (evl_wires[i]->name.compare(evl_wires[i+1]->name)==1){
            return false;
        }
        //otherwise the two names are either equal or in order
    }
    return true;
}
```