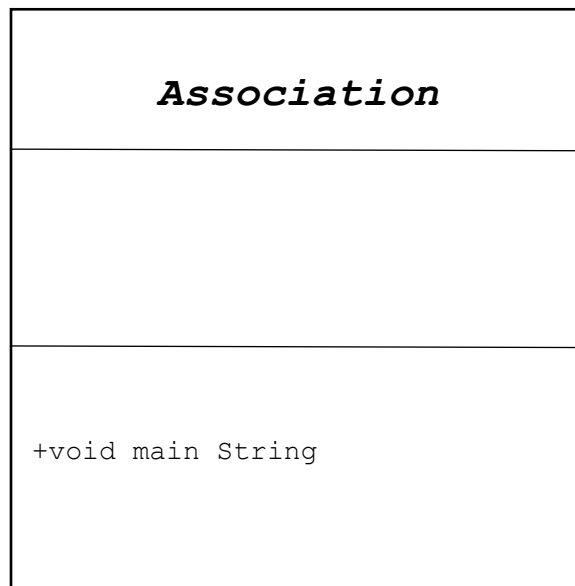


## Lab Task:

A- Using the knowledge for association, aggregation and composition provided in the theory lecture video. Design a single UML diagram for all the three relationships. Also write a single program for the proposed UML diagram.

### **Association**



### ***Manager***

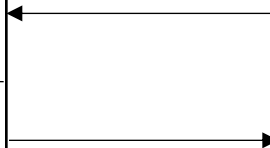
- *String name*  
- *SwipeCard S*

+ *getName() : String*  
+ *logon() : void*

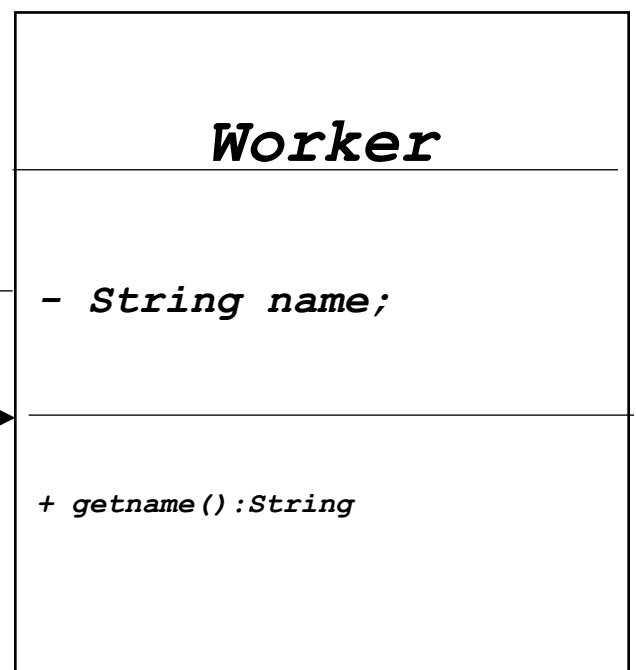
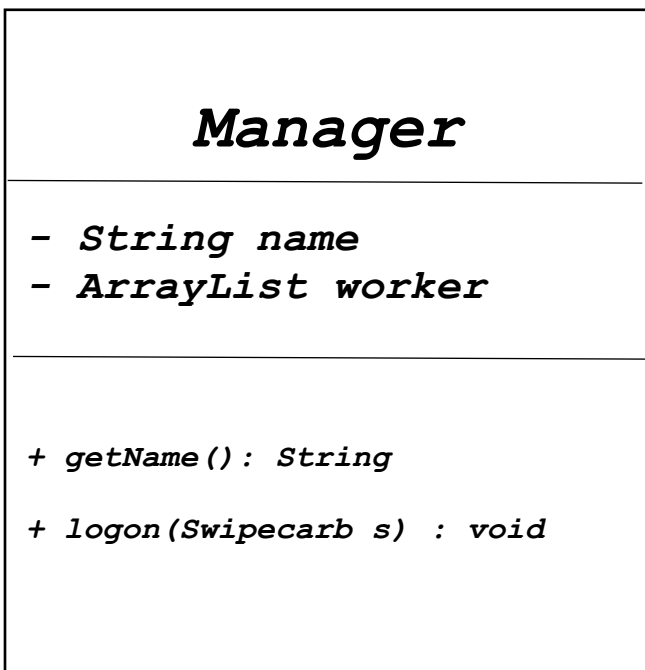
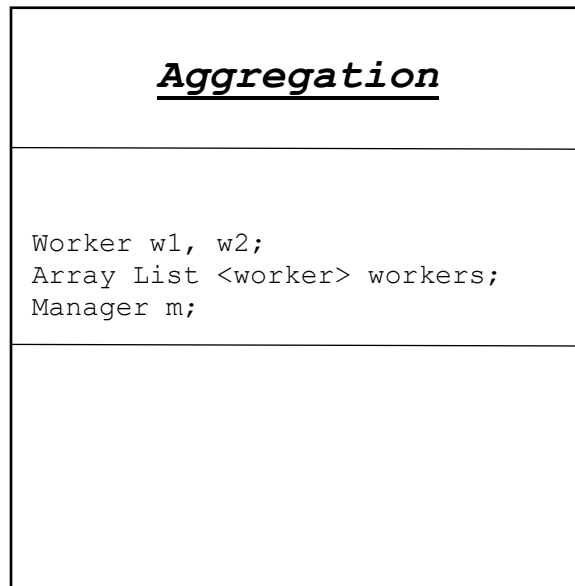
### ***SwipeCard***

- *String madeofCard;*  
- *Manager manager*

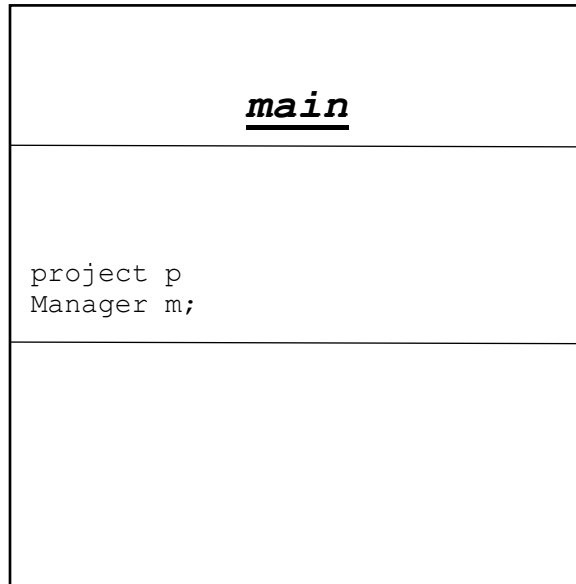
+ *getMakeofCard() : String*  
+ *Swipe() : void*



# **Aggregation**



# Composition



## **Manager**

+ project project;  
- String name;  
+ double salary;

+ getName() : String

+ howISManager(SwipeCarbs)  
: void

## **Worker**

- Manager manager;  
+ boolean isSuccess

+ void setIsSuccess(boolean value)  
+ boolean getIsSuccess()

