

Homework

➤ Question 1:

- Create an object student using object literal which has
 - Properties: firstName:String , lastName:String , grades: Array
 - Methods:
 - inputNewGrade (newGrade): push newGrade to grades
 - computeAverageGrade (): return average of grades
- Create an Array with multiple students which are created using Object.create();
 - Then compute the average grade for all students in the array

➤ Question 2: Redo the Question 1 using Constructor Function

➤ Question 3:

- Add a new method named sort() without parameters in built-in constructor function Array. It'll sort all elements in the array in ascending order

Question 4:

Use object literal and constructor function to implement a Singley LinkedList.

Use case:

```
let linkedlist = new LinkedList();

linkedlist.add(1);

linkedlist.add(2);

linkedlist.add(3);

linkedlist.print(); //Expected Result: LinkedList{1,2,3};

linkedlist.remove(2);

linkedlist.print(); //Expected Result: LinkedList{1,3};
```