

## Lab 8

### Question 1:

Create a student object using object literal which has:

Properties: firstName: string, lastName: string, grades: array

Methods:

- insertGrade(newGrade) push newGrade to grades
- computeAverageGrade(): returns average of grades

**Question 2:** Redo the Question1 using constructor Function.

**Question 3:** Add a new method named mySort() without parameters in the built-in constructor function Array. It will sort all elements in the array in the ascending order.

**Question 4:** Convert the given diagram to JavaScript's Prototypal Inheritance diagram and implement the code using the constructor function.

Animal: run method will increase the animal speed.

Rabbit: hide method will just print out rabbit name with "hides" string.

