**Day 7 Lab Assignments**

1. **Make class box has width ,height, array contain books**

**and hava Book class has id,name, writer\_name and num of pages**

1. make function valueof in box class and return sum of all pages of books in this box
2. **in this box make method to clac area of this box**

2-Implement class Point3D using JavaScript

Add member variables: x,y,z.

* + Create constructor that takes x,y,z as parameters and make default 0 for each parameter.
  + Add member function print3DPoint(), that prints the point values in console using this format: “3DPoint: X=0, Y=0,Z=0”.

1. Add new member function: calculateDistance(P2) that takes P2 as a parameter and considers this as the P1.

Use the following equation for calculating the distance: 

3-Make new class Course, and make the student class has an array from course objects.

* Make function to display all courses in student object
* make function to compute all grades in all courses to student object