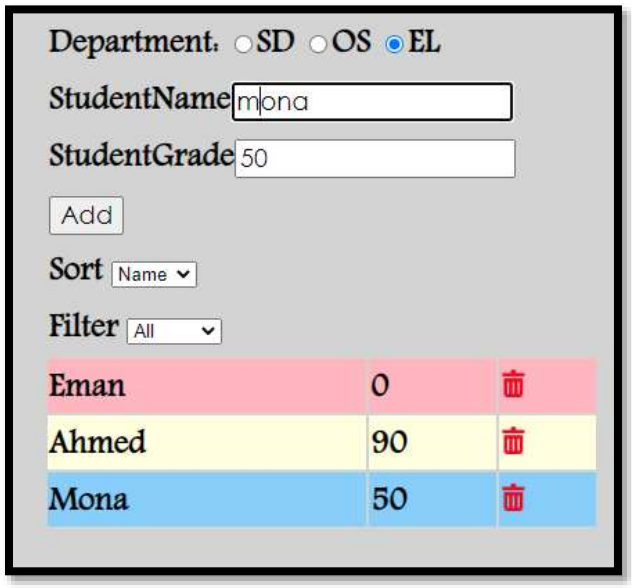
Lab 6

1- Complete the Student form demo to achieve the following requirements.



All validations should be with error messages not alerts

1- **StudentName should not be empty, should not be repeated in table and always added to the table with first letter capitalized.**
2- **StudentGrade should be between 0:100**

Add filter dropDown List to filter table by Failed students (Grade<60) and success students (Grade>60) ….

Add Sort dropDown List to sort table by Name or by Grade

Note : Every logical Error seen by your instructor will cost you -5 grades (so test your code carefully)

2- Page containing only Three Div elements with box appearance, when user click at any div a copy from this div will be added to the end (the fired div wont be clickable any more, and the new div will beclickable). And so on…..

3- Falling EGG Game(Using OOP JS Classes)

Quick Instructions:

a- One egg will appear randomly, then start falling directly if the

b- a small basket catches the falling egg , the egg will be disappeared directly after touching the basket

otherwise it will be broken ☹

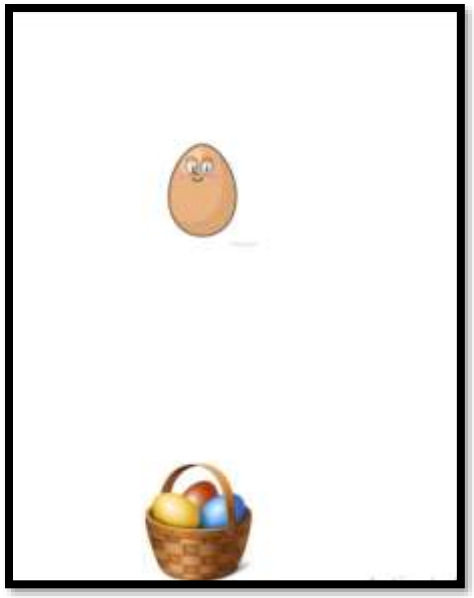
THEN:

c- falling egg will start falling after clicking a start game button

d- add more falling eggs to your game (manage your object correctly)

BONUS:

e- add a score for each egg falls inside your basket



4- Shooting Birds

Convert This assignment to OOP

add click events on bird , if the user shots the bird it will be killed and falling down to the end of the page.