

# Assignment 4

Design we page to insert students Data as follow

<i>name</i>	<input type="text"/>
<i>e-mail</i>	<input type="text"/>
<i>deptartment</i>	SD ▼
<i>grade</i>	<input type="text"/>
<input type="button" value="Add"/>	
<input type="button" value="ShowData"/>	

- 1- Define Students Class that contains Student Data
- 2- All students on Our Demo will be inside Array pf Student Object Called Students
- 3- All text Boxes will be validate as follow
  - a- Name is string and not empty
  - b- Email in correct format
  - c- Grade is number between 0 and 100

User can't add any student in the absence of validation

- 4- Add button to add student to Array if the validation is correct as follow

name	<input type="text"/>	name should be string
e-mail	<input type="text"/>	email is not correct
deptartment	SD ▼	
grade	<input type="text"/>	grade should be number (0:100)
Add <i>Error</i>		
ShowData		

If all validations are not correct error messages will be displayed as shown above (note that Add button contains Error Word)

name	Eman fathi	
e-mail	emanfathi.eng@gmail.com	
deptartment	SD ▼	
grade	90	
Add <i>Added</i>		
ShowData		

If all fields are correct “**Added**” word will appear when add button is clicked

- 5- Show button will display students data in table that added in Array every time add button add new student as follow

<i>name</i>	Mona Ali
<i>e-mail</i>	mona.eng@yahoo.com
<i>deptartment</i>	OS ▼
<i>grade</i>	50
Add	Added
ShowData	

  

<i>Name</i>	<i>Email</i>	<i>Department</i>	<i>Grade</i>
<i>Eman fathi</i>	<i>emanfathi.eng@gmail.com</i>	<i>SD</i>	<i>90</i>
<i>Mona Ali</i>	<i>mona.eng@yahoo.com</i>	<i>OS</i>	<i>50</i>

**Bonus:**

- 1- In form assignment show students data sorted by grades ascending
- 2-



Start moving image inside container left and right when user click GO , while movement button will changed to Stop

To stop movement, when movement stopped button will return to GO

