

JavaScript Lab6

1- Using document object method on the lecture's HTML page

- a- Find all images in page by two ways ([document default collection](#) and [document methods](#)).
- b- Find all options for City drop down list.
- c- Find all rows for second table in page.
- d- Find all elements that contain class name [fontBlue](#) and [BGrey](#).

2- Do the following actions on the following HTML elements

- a- Get first anchor inside the second table then change its' [href](#) property to [training.com](#) and its text to "Training"
- b- Find all images and change its borders to : [solid pink 2px](#)
- c- Find all checkboxes ([checked](#)) in userData form and alert their values
- d- Find element with id value ["example"](#) then change its background color to pink

3- Display the date with time on the document title (which changed every second to show time with date).

Note: use `.toLocaleString()` method of the Date Object.

4- write function [startSliding\(ImgObject\)](#) which takes the image Object to be slide on the page , and start changing the image every second to be professional :don't make timer ID global return it from

sliding function.

then write another function that stop image sliding
stopSliding(timerID) which stop sliding the image.

Now call these functions on console to control image sliding on the page.

5- Using ES6 create Class Engine with source property (Abstract class) and has private static count property.

Create Car Class (inherits from Engine class)
Class constructor will take top, left and (image source reference) as source property value

Class methods:

a- top-> setter for top property

b- left-> setter for left property

c- moveLeft-> to move the ball left on page

d- moveRight->to move the ball right on page

e- ChangeStyle-> method that take css style object as input to apply it on the car.

Now create your cars and let's play 😊

Bonus(Optional):

Using location Object with simple HTML Form Page

Name :

Age :

With post method, after clicking submit button show the Name and Age on page console.