

Q2)

1- **MutationObserver** is a built in object in javascript , that watches the changes on a particular element in the dom and based on changes it responds , in simple words it makes callback function call based on changes on the dom element , the observer it can only monitor the configs i mean the attributes that's allowed to watch for e,g adding or removing children , and the callback function it receives the list of changes that contains the changes .

2-**ID selector** is defined by #text{ attributes } in css file or in styles tag , this selector is used to add style to one and only one element in html page , **Class selector** is defined by .text{ attributes } used to give one or more elements a certain style this selector is good when you want to repeat the same styles , **Tag selector** is defined by elementname{ attributes } is used to use same styles across elements with same tags in html page .

3- **local storage** stores the data forever on the client browser no expiration unless the user of the browser remove the data ,however **session storage** stores the data with expiration i mean by this data will be removed if the user closes the browser tab that related to the website or close the browser , we deal with local storage and session storage as objects in Javascript , and they store the values in the browser in key-value pair manner .