ARRAYS

1. Declare an empty array using JS literal notation to store student names in future.
2. Declare an empty array using JS object notation to store student names in future.
3. Declare and initialize a strings array.
4. Declare and initialize a numbers array.
5. Declare and initialize a boolean array.
6. Declare and initialize a mixed array.
7. Declare and Initialize an array and store available education qualifications in Pakistan (e.g. SSC, HSC, BCS, BS, BCOM, MS, M. Phil., PhD). Show the listed qualifications in your browser like:

Qualifications:

1) SSC
2) HSC
3) BCS
4) BS
5) BCOM
6) MS
7) M. Phil.
8) PhD

8. Write a program to store 3 student names in an array.Take another array to store score of these three students. Assume that total marks are 500 for each student, display the scores & percentages of students like:

> Score of Michael is 320. Percentage: 64%
> Score of John is 230. Percentage: 46%
> Score of Tony is 480. Percentage: 96%

9. Initialize an array with color names. Display the array elements in your browser.
a. Ask the user what color he/she wants to add to the beginning & add that color to the beginning of the array. Display the updated array in your browser.
b. Ask the user what color he/she wants to add to the end & add that color to the end of the array. Display the updated array in your browser.
c. Add two more color to the beginning of the array. Display the updated array in your browser.
d. Delete the first color in the array. Display the updated array in your browser.
e. Delete the last color in the array. Display the updated array in your browser.
f. Ask the user at which index he/she wants to add a color & color name. Then add the color to desired position/index. . Display the updated array in your browser.
g. Ask the user at which index he/she wants to delete color(s) & how many colors he/she wants to delete. Then

remove the same number of color(s) from user-defined position/index. . Display the updated array in your browser.

10. Write a program to store student scores in an array & sort the array in ascending order using Array's sort method.

Scores of Students : 320,230,480,120
Ordered Scores of Students : 120,230,320,480

11. Write a program to initialize an array with city names. Copy 3 array elements from *cities* array to *selectedCities* array.

Cities list:
Karachi,Lahore,Islamabad,Quetta,Peshawar

Selected cities list:
Islamabad,Quetta

12. Write a program to create a single string from the below mentioned array:
var arr = ["This ", " is ", " my ", " cat"];
(Use array's join method)

Array:
This,is,my,cat

String:
This is my cat

13. Create a new array. Store values one by one in such a way that you can access the values in the order in which they were stored. (FIFO-First In First Out)

Devices:
keyboard,mouse,printer,monitor

Out:
keyboard
Out:
mouse
Out:
printer
Out:
monitor

14. Create a new array. Store values one by one in such a way that you can access the values in reverse order. (Last In-First Out)

Devices:
keyboard,mouse,printer,monitor

Out:
monitor
Out:
printer
Out:
mouse
Out:
keyboard

15. Write a program to store phone manufacturers (Apple, Samsung, Motorola, Nokia, Sony & Haier) in an array. Display the following dropdown/select menu in your browser using document.write() method: