**Chapter 15 (Array I)**

1. Declare an empty array.

var ar = [];

1. Code an array with 1 string element

var ar = [“abcd”];

1. var alphabet = ["h","i","j","k"]. Now print the letter “j” in alert using array index

document.write(alphabet[2]);

1. var alphabet=["h","i","j","k", “l”,”m”, “n”, “o”]. Find the total length of array.

alphabet.length;

1. Declare an array with one element and Add a second element with index in array. Create an alert whose message is the new element.

var ar = [];

ar[0] = “one”;

ar[1] = “two”;

ar[2] = “three”;

**Chapter 16 (Array II)**

1. Code an array with 1 string element.

Add an additional element to the array using push.

Create an alert whose message is the last element.

var ar = [“v1”];

ar.push(“v2”);

alert(ar[1]);

2. var Alphabet=["h","i","j","k"]

Remove the last element from the array Alphabet.

Alphabet.pop();

3. var Alphabet=["h","i","j","k"]

Add a new element, a number, to the end of an array.

Chapter 16 (Array III)

1. var sizes = ["S", "M", "XL", "XXL", "XXXL"].

Remove the first element of an array.

sizes.shift();

2. var sizes = ["S", "M", "XL", "XXL", "XXXL"].

Add three number elements to the beginning of an array.

sizes.unshift(1,2,3);

3. Declare an array with one element.

Add a second element to the beginning of the array.

Create an alert whose message is the new first element.

var fruits = [“Mango”];

aruits.unshift(“Apple”);

alert(fruits[0]);

4. var sizes = ["S", "M", "XL", "XXL", "XXXL"].

Insert "L" into the array between "M" and "XL".

sizes.splice(2, 0, “L”);

5. var sizes = ["S", "M", "XL", "XXL", "XXXL"].

Copy the first 3 sizes of the array and put them into a new array,

regSizes.

var regSizes = sizes.slice(0,4);

6. var pets = ["dog", "cat", "ox", "duck", "frog"].

Add 2 elements after "dog" and remove "cat", "ox", and "duck".

pets.splice(1,3, “elephant”, “deer”);

7. var pets = ["dog", "cat", "ox", "duck", "frog"];

Remove "cat" and "ox".

pets.splice(1,2);

8. var pets = ["dog", "cat", "ox", "duck", "frog", "flea"];

Reduce it to "duck" and "frog" using slice.

pets.slice(3,4);