

```

> var array1=['apple','banana','grapes','mango','orange']; // variable array1 is initialized
var arrayUpcase=array1.map(array1 => array1.toUpperCase()) // arrayUpcase object stores array1 string elements being converted to uppercase string
elements with the help of built-in method toUpperCase.
var n=array1.length; // n is the length of the array1

var promise=new Promise(function(resolve,reject){ // promise object is of Promise result of asynchronous operation function passed with arguments
resolve and reject.
  setTimeout(() => resolve(arrayUpcase,n,{message: "Promise successful"})); //resolve is the callback function to be executed on success,
having the parameters arrayUpcase, n milli seconds and promise status message while setoutTime method being invoked.
});
promise.then(function(data){ // promise object is the outcome of the Promise result of asynchronous operation.
  console.log(data);
  return "Success"; //
}).catch(function(err){ // catch function(err) displays system generated error message of the promise asynchronous operation.
  console.log(err);
  return "Failed";
});

```

```

< ▼ Promise {<pending>} ⓘ
  ► __proto__: Promise
    [[PromiseStatus]]: "resolved"
    [[PromiseValue]]: "Success"

```

```

▼ (5) ["APPLE", "BANANA", "GRAPES", "MANGO", "ORANGE"] ⓘ
  0: "APPLE"
  1: "BANANA"
  2: "GRAPES"
  3: "MANGO"
  4: "ORANGE"
  length: 5
  ► __proto__: Array(0)

```