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require and module.exports

Node provides a built-in module mechanism which works with the `require()` method and the `module.exports` global object. To demonstrate how `require` and `module.exports` work, let's say we have two files `account-service.js` and `utility.js`.

The `utility.js` has some generic methods and objects which we use in many projects and applications. In this example, we will import those generic methods into `account-service.js`.

Here's the code of `utility.js` in which we expose code to `account-service.js` (or any other program) by assigning it to a special global `module.exports`:

```
module.exports = function(numbersToSum) {  
  let sum = 0,  
      i = 0,  
      l = numbersToSum.length;  
  while (i < l) {  
    sum += numbersToSum[i++]  
  }  
  return sum  
}
```

The main program (`account-service.js`) imports the utility module and executes it to find out the total balance: