

Section 4 - Module System

1. Import Modules

Take `response.js` and `request.js` as a example

```
const REQUEST_TIMEOUT = 500;

function encrypt(data){
  return 'encrypted data';
}

function send(url,data){
  const encrypteddata = encrypt(data);
  console.log(`sending ${encrypteddata} to ${url}`);
}

module.exports = {
  REQUEST_TIMEOUT,
  send,
}
```

`Request.js`

There are 2 functions in this module - `encrypt()` and `send()`, and 1 constant `REQUEST_TIMEOUT`.

```
function decrypt(data) {  
    return 'decrypted data';  
}  
  
function read() {  
    return decrypt('data');  
}  
  
module.exports = {  
    ...  
    read,  
}
```

Response.js

There are 1 function in this module - `read()`.

For export, use `module.exports` to export.

2. Import Module

Syntax: `const x = require('./request.js');`