example.js

```
const inc = require("./increment").increment;
var a = 1;
inc(a); // 2
```

increment.js

```
const add = require("./math").add;
exports.increment = function increment(val) {
    return add(val, 1);
};
exports.incrementBy2 = function incrementBy2(val) {
    return add(val, 2);
};
exports.decrement = function decrement(val) {
    return add(val, 1);
};
```

math.js

```
exports.add = function add() {
    var sum = 0,
        i = 0,
        args = arguments,
        l = args.length;
    while (i < l) {
        sum += args[i++];
    }
    return sum;
};

exports.multiply = function multiply() {
    var product = 0,
        i = 0,
        args = arguments,
        l = args.length;
    while (i < l) {
        sum *= args[i++];
    }
    return sum;
};
```

dist/output.js

```
/******/ (() => { // webpackBootstrap
/******/    var __webpack_modules__ = ([
/* 0 */,
/* 1 */
/*!**********************!*\
  !*** ./increment.js ***!
  \**********************/
/*! default exports */
/*! export decrement [provided] [unused] [renamed to Mj] */
/*! export increment [provided] [used in main] [renamed to nP] */
/*! export incrementBy2 [provided] [unused] [renamed to pN] */
/*! runtime requirements: __webpack_require__, __webpack_exports__ */
/***/ ((__unused_webpack_module, exports, __webpack_require__) => {

var __webpack_unused_export__;
const add = __webpack_require__(/*! ./math */ 2)/* .add */ .I;
exports.nP = function increment(val) {
    return add(val, 1);
};
__webpack_unused_export__ = function incrementBy2(val) {
    return add(val, 2);
};
__webpack_unused_export__ = function decrement(val) {
    return add(val, 1);
};


/***/ }),
/* 2 */
/*!******************!*\
  !*** ./math.js ***!
  \******************/
/*! default exports */
/*! export add [provided] [used in main] [renamed to I] */
/*! export multiply [provided] [unused] [renamed to J] */
/*! runtime requirements: __webpack_exports__ */
/***/ ((__unused_webpack_module, exports) => {

var __webpack_unused_export__;
exports.I = function add() {
    var sum = 0,
        i = 0,
        args = arguments,
        l = args.length;
```

```
    while (i < l) {
        sum += args[i++];
    }
    return sum;
};

__webpack_unused_export__ = function multiply() {
    var product = 0,
        i = 0,
        args = arguments,
        l = args.length;
    while (i < l) {
        sum *= args[i++];
    }
    return sum;
};


/***/ })
/******/    ]);
```

/* webpack runtime code */

```
/************************************************************************/
/******/    // The module cache
/******/    var __webpack_module_cache__ = {};
/******/
/******/    // The require function
/******/    function __webpack_require__(moduleId) {
/******/        // Check if module is in cache
/******/        var cachedModule = __webpack_module_cache__[moduleId];
/******/        if (cachedModule !== undefined) {
/******/            return cachedModule.exports;
/******/        }
/******/        // Create a new module (and put it into the cache)
/******/        var module = __webpack_module_cache__[moduleId] = {
/******/            // no module.id needed
/******/            // no module.loaded needed
/******/            exports: {}
/******/        };
/******/
/******/        // Execute the module function
/******/        __webpack_modules__[moduleId](module, module.exports, __webpack_require__);
/******/
/******/        // Return the exports of the module
/******/        return module.exports;
/******/    }
```

```
/******/
/************************************************************************/

var __webpack_exports__ = {};
// This entry need to be wrapped in an IIFE because it need to be isolated against other mo
(() => {
/*!*********************!*\
  !*** ./example.js ***!
  \*********************/
/*! unknown exports (runtime-defined) */
/*! runtime requirements: __webpack_require__ */
const inc = __webpack_require__(/*! ./increment */ 1)/* .increment */ .nP;
var a = 1;
inc(a); // 2

})();

/******/ })()
;
```

dist/output.js (production)

```
/*! For license information please see output.js.LICENSE.txt */
(()=>{var r=[,(r,n,t)=>{const o=t(2).I;n.nP=function(r){return o(r,1)}},(r,n)=>{n.I=functio
```

dist/without.js (same without tree shaking)

```
/*! For license information please see without.js.LICENSE.txt */
(()=>{var n=[,(n,r,t)=>{const e=t(2).add;r.increment=function(n){return e(n,1)},r.incrementB
```

Info

Unoptimized

```
asset output.js 2.93 KiB [emitted] (name: main)
chunk (runtime: main) output.js (main) 634 bytes [entry] [rendered]
  > ./example.js main
  dependent modules 564 bytes [dependent] 2 modules
  ./example.js 70 bytes [built] [code generated]
    [no exports used]
    entry ./example.js main
webpack 5.51.1 compiled successfully

asset without.js 3.08 KiB [emitted] (name: main)
chunk (runtime: main) without.js (main) 634 bytes [entry] [rendered]
```

```
  > ./example.js main
  dependent modules 564 bytes [dependent] 2 modules
  ./example.js 70 bytes [built] [code generated]
    [used exports unknown]
    entry ./example.js main
webpack 5.51.1 compiled successfully
```

Production mode

```
asset output.js 365 bytes [emitted] [minimized] (name: main) 1 related asset
chunk (runtime: main) output.js (main) 634 bytes [entry] [rendered]
  > ./example.js main
  dependent modules 564 bytes [dependent] 2 modules
  ./example.js 70 bytes [built] [code generated]
    [no exports used]
    entry ./example.js main
webpack 5.51.1 compiled successfully

asset without.js 551 bytes [emitted] [minimized] (name: main) 1 related asset
chunk (runtime: main) without.js (main) 634 bytes [entry] [rendered]
  > ./example.js main
  dependent modules 564 bytes [dependent] 2 modules
  ./example.js 70 bytes [built] [code generated]
    [used exports unknown]
    entry ./example.js main
webpack 5.51.1 compiled successfully
```