http module program:

var http = require('http');

var server = http.createServer(function(req, res){

//write code here

res.writeHead(200,{'Content-Type':'text/html'});

res.write('Hello World!');//write a response to the client

res.end();//end the response

});

server.listen(5000); //the server object listens on port 5000\*/

url module program

var url = require('url');

var adr = 'http://localhost:8080/default.htm?name="abc"&dept="cse"';

var q = url.parse(adr, true);

console.log(q.host); //localhost:8080

console.log(q.pathname); //default.htm

console.log(q.search); //name="abc"&dept="cse"

var qdata = q.query; //

console.log(qdata); //name:abc

customised module:

**calculatormodule.js file**

// Returns addition of two numbers

exports.add = function (a, b) {

return a+b;

};

// Returns difference of two numbers

exports.subtract = function (a, b) {

return a-b;

};

// program to find the factorial of a number

function factorial(x) {

// if number is 0

if (x === 0) {

return 1;

}

// if number is positive

else {

return x \* factorial(x - 1);

}

}

exports.factorial=factorial;

// Returns product of two numbers

exports.multiply = function (a, b) {

return a\*b;

};

**calculator.js file**

var c = require('./calculatormodule');

var a=10, b=5;

console.log("Addition : "+c.add(a,b));

console.log("Subtraction : "+c.subtract(a,b));

console.log("Multiplication : "+c.multiply(a,b));

console.log(c.factorial(5));