1.- Create simple web application in any programming language

var express = require('express')

var http = require('http')

const bodyParser = require('body-parser');

var app = express()

app.use(bodyParser.urlencoded({ extended: false }));

app.use(bodyParser.json());

app.get('/hello', (req, res) => {

res.status(200).send("Bienvenido API REST")

})

app.get('/hello/:name', function url (req, res){

let respuesta = {

mensaje: '',

name: req.params.name

};

respuesta = {

Message: `Hello ${respuesta.name} from `

};

res.send(respuesta);

})

http.createServer(app).listen(8001, () => {

console.log('Servidor levantado en http://localhost:8001');

});

2.- GIT

<https://github.com/stalinp/devsu>

2. test

function testurl (){

// 1. ARRANGE

var x = 5;

var y = 1;

var sum1 = x + y;

// 2. ACT

var sum2 = addTwoNumbers(x, y);

console.log('url() Deberia entregar el nombre de la url.');

console.log('Expect ' + sum1 + ' to equal ' + sum2 + '.');

// 3. ASSERT

if ( sum1 === sum2 )

return console.log('Passed.');

console.log('Failed.');

}

//testurl();

3.- docker app

FROM node

RUN mkdir -p /home/node/app/node\_modules

RUN chown -R node:node /home/node/app

WORKDIR /home/node/app

COPY nginx.conf /etc/nginx/nginx.conf

COPY package.json /home/node/app

COPY server.js /home/node/app

USER node

RUN npm install

COPY --chown=node:node . .

EXPOSE 8001

CMD node server.js

Docker-compose

version: '3'

services:

web:

container\_name: node

ports:

- "8002:8001"

image: nginxapp

jenkins:

container\_name: jenkinsci

image: "jenkins"

ports:

- "8080:8080"

restart: "always"

