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

```
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

