

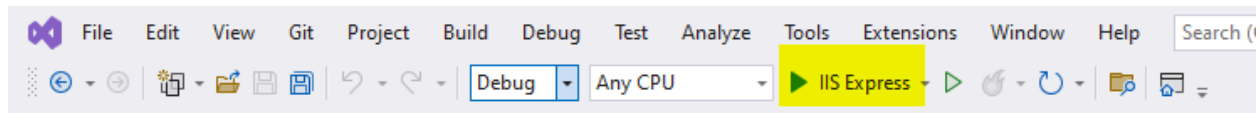
Code Test

# Sample API

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## Program start



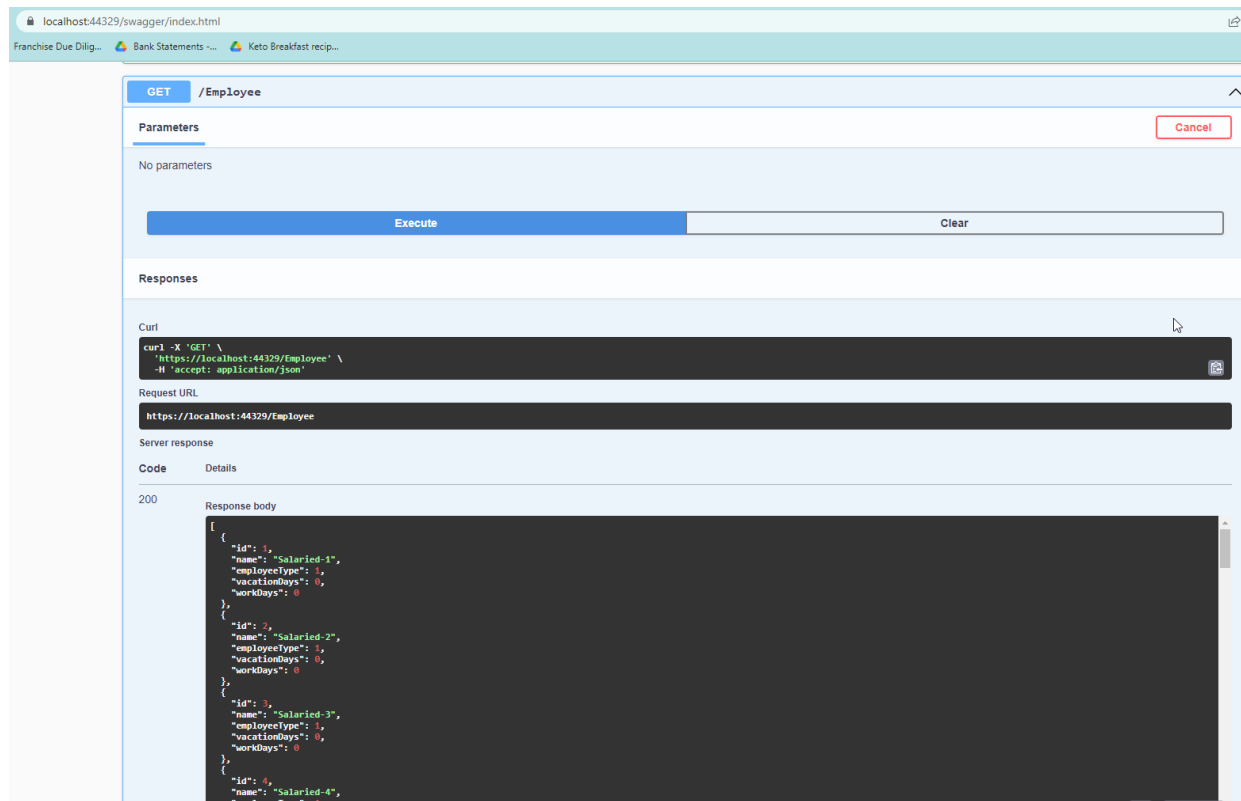
## Introduction

This program example is an API, I didn't spend much time on the angular part. You will be able to do the work with installed Swagger which loads when you run the program using the above.

*Continue on next page...*

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## Get your employees list



This list is auto generated each time you start the program.

*Continue on next page...*

## Add hours both work and vaction

localhost:44329/swagger/index.html

Franchise Due Dilig... Bank Statements ... Keto Breakfast recip...

### SampleEmployeeAPI 1.0 OA53

<https://localhost:44329/swagger/v1/swagger.json>

#### Employee

**POST** /Employee/Work

Parameters Cancel Reset

No parameters

Request body application/json

```
{
  "id": 1,
  "employeeType": 1,
  "vacationDays": 20,
  "workDays": 200
}
```

Execute

1. Enter in the employee id, employee type and the hours you want to set .
2. Click the execute button

#### Responses

Curl

```
curl -X 'POST' \
  'https://localhost:44329/Employee/Work' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 1,
    "employeeType": 1,
    "vacationDays": 20,
    "workDays": 200
  }'
```

Request URL

<https://localhost:44329/Employee/Work>

Server response

Code	Details
200	<p>Response body</p> <pre>{   "data": {     "id": 1,     "name": "Salaried-1",     "employeeType": 1,     "vacationDays": 20,     "workDays": 200   },   "result": true,   "message": "Work Update Successfully" }</pre> <span>Download</span>

You will get back responses saying it was successful if you didn't violate the max number of days worked.

### Employee

POST /Employee/Work

Parameters

No parameters

Request body

application/json

```
{
  "id": 1,
  "employeeType": 1,
  "vacationDays": 20,
  "workDays": 2000
}
```

Execute

Clear

I adjusted the days worked to 2000 to get a violation message.

Code

Details

400

Error: response status is 400

Response body

```
{
  "data": {
    "id": 1,
    "name": "Salaried-1",
    "employeeType": 1,
    "vacationDays": 20,
    "workDays": 2000
  },
  "result": false,
  "message": "Work days cannot be less than 0 or greater than 260"
}
```

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*Continue on next page...*

## Take vacation hours

Employee

POST /Employee/Work

POST /Employee/TakeVacation

Parameters

No parameters

Request body

application/json

```
{
  "id": 1,
  "employeeType": 1,
  "vacationDays": 2
}
```

Execute

The above is showing the vacation with an allowable entry.

Responses

Curl

```
curl -X 'POST' \
  'https://localhost:44329/Employee/TakeVacation' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 1,
    "employeeType": 1,
    "vacationDays": 2
  }'
```

Request URL

https://localhost:44329/Employee/TakeVacation

Server response

Code Details

200

Response body

```
{
  "data": {
    "id": 1,
    "name": "Salaried-1",
    "employeeType": 1,
    "vacationDays": 18,
    "workDays": 200
  },
  "result": true,
  "message": "Vacation Update Successfully"
}
```

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Since you had 20 days of vacation time and took 2 then you have 18 left.

Responses

Curl

```
curl -X 'POST' \
  'https://localhost:44329/Employee/TakeVacation' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 1,
    "employeeType": 1,
    "vacationDays": 200
  }'
```

Request URL

https://localhost:44329/Employee/TakeVacation

Server response

Code	Details
400	Error: response status is 400

Response body

```
{
  "data": {
    "id": 1,
    "name": "Salaried-1",
    "employeeType": 1,
    "vacationDays": 15,
    "workDays": 200
  },
  "result": false,
  "message": "Salaried employee cannot take vacations more than 15"
}
```

Download

Here you can see a violation message when trying to take too many vacation days.