```go
EMPLOY_INFO_ASSIGNMENT
 employee
  GO employee.go
  GO handler_test.go
  GO handler.go
  go.mod                    1
  go.sum
  GO main.go
```

```go
47          }
48          json.NewEncoder(w).Encode(employee)
49      }
50
51      func DeleteEmployeeHandler(w http.ResponseWriter, r *http.Request) {
52          id, _ := strconv.Atoi(mux.Vars(r)["id"])
53          if err := DeleteEmployee(id); err != nil {
54              http.Error(w, err.Error(), http.StatusNotFound)
55              return
56          }
57          w.WriteHeader(http.StatusNoContent)
58      }
59
60      func ListEmployeesHandler(w http.ResponseWriter, r *http.Request) {
61          page, err := strconv.Atoi(r.URL.Query().Get("page"))
62          if err != nil || page < 1 {
63              http.Error(w, "Invalid page number", http.StatusBadRequest)
64              return
```

> OUTLINE
> TIMELINE
> GO

PROBLEMS 1   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
O PS C:\Users\gargaur\go\Employ_Info_Assignment> go run .\main.go
  8080 server started ................
```

⊗ 0 ⚠ 1   📡 0

Import

POST http://localhost:8080/   POST http://localhost:8080/   GET http://localhost:8080/   POST http://localhost:8080/   GET Untitled Request   +

Save

ooo   HTTP **http://localhost:8080/employees**

| POST ∨ | http://localhost:8080/employees | | Send ∨ |

Params   Authorization   Headers (10)   Body ●   Pre-request Script   Tests   Settings

Cookies

● none ● form-data ● x-www-form-urlencoded ● raw ● binary   **JSON** ∨   **Beautify**

=1&pageSi:

=1&pageSi:

=1&pageSi:

```
1   {
2       "id": 1,
3       "name": "John Doe",
4       "position": "Engineer",
5       "salary": 50003
6   }
```

Body Cookies Headers (3) Test Results

200 OK 7 ms 181 B   **Save Response** ∨

Pretty   Raw   Preview   Visualize   Text ∨

```
1   {"id":1,"name":"John Doe","position":"Engineer","salary":50003}
2
```

New   Import   **POST** http://localhost:8080/   **POST** http://localhost:8080/   **GET** http://localhost:8080/   **GET** http://localhost:8080/er   **GET** Untitled Request

000   HTTP **http://localhost:8080/employees/1**   Sa

| GET ∨ | http://localhost:8080/employees/1 | Send |

Params   Authorization   Headers (8)   **Body**   Pre-request Script   Tests   Settings   Cook

⦿ none   ○ form-data   ○ x-www-form-urlencoded   ○ raw   ○ binary

This request does not have a body

?page=1&pageSi:
?page=1&pageSi:
:?page=1&pageSi:
s/3
s/3
s/3
s/2
s/1
es
es/2
es
es

⊕ 200 OK 3 ms 181 B Save Respons

Body Cookies Headers (3) Test Results

Pretty   Raw   Preview   Visualize   Text ∨

```
1  {"id":1,"name":"John Doe","position":"Engineer","salary":50003}
2
```

New   Import

POST http://localhost:8080/   POST http://localhost:8080/   GET http://localhost:8080/   PUT http://localhost:8080/e   GET Untitled Request

HTTP http://localhost:8080/employees/1

PUT ⌄   http://localhost:8080/employees/1   Send

Params   Authorization   Headers (10)   Body ●   Pre-request Script   Tests   Settings   Coo

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   JSON ⌄   Beau

```
1   {
2       "id": 1,
3       "name": "John Do1",
4       "position": "Engineer",
5       "salary": 50004
6   }
```

Body   Cookies   Headers (3)   Test Results   ⊕   200 OK   3 ms   181 B   Save Respons

Pretty   Raw   Preview   Visualize   Text ⌄   ⇄

```
1   {"id":1,"name":"John Do1","position":"Engineer","salary":50004}
2
```

?page=1&pageSi:
?page=1&pageSi:
?page=1&pageSi:
s/3
s/3
es/3
es/2
es/1
es
es/2
ees
Postman account

Import   **POST** http://localhost:8080/   **POST** http://localhost:8080/   **GET** http://localhost:8080/   **DEL** http://localhost:8080/en   **GET** Untitled Request

°°°   **HTTP**   **http://localhost:8080/employees/1**   [💾] Save

DELETE ⌄	http://localhost:8080/employees/1	Send ⌄

Params   Authorization   Headers (8)   **Body**   Pre-request Script   Tests   Settings   **Cookies**

🔴 none   ⚪ form-data   ⚪ x-www-form-urlencoded   ⚪ raw   ⚪ binary

This request does not have a body

1&pageSi:

1&pageSi:

1&pageSi:

Body   Cookies   Headers (1)   Test Results   ⊕ 204 No Content 3 ms 64 B   **Save Response** ⌄

Pretty   Raw   Preview   Visualize   Text ⌄   ⇄   **204 No Content**

1   The server successfully processed the request, but is not returning any content.

New   Import   **POST** http://localhost:8080/   **POST** http://localhost:8080/   **GET** http://localhost:8080/   **GET** http://localhost:8080/er   **GET** Untitled Reque

HTTP **http://localhost:8080/employees?page=0&pageSize=1**

ge=0&pageSi

ge=0&pageSi

ge=0&pageSi;

age=1&pageSiz

page=1&pageSiz

page=1&pageSiz

page=1&pageSiz

/page=1&pageSiz

/page=1&pageSiz

| GET | ∨ | http://localhost:8080/employees?page=0&pageSize=1 |

Params •   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings

● none   ○ form-data   ○ x-www-form-urlencoded   ○ raw   ○ binary

This request does not have a body

Body   Cookies   Headers (4)   Test Results   ⊕ 400 Bad Request 2 ms 179 B   Save Res

Pretty   Raw   Preview   Visualize   Text ∨   ⇄

```
1   Invalid page number
2
```

Import   **POST** http://localhost:8080/   **POST** http://localhost:8080/   **GET** http://localhost:8080/   **GET** http://localhost:8080/er   **GET** Untitled Request

000   ⇶ **http://localhost:8080/employees?page=1&pageSize=0**

| GET ⌄ | http://localhost:8080/employees?page=1&pageSize=0 | Send |

Params ●   Authorization   Headers (8)   **Body**   Pre-request Script   Tests   Settings

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary

This request does not have a body

400 Bad Request   3 ms   177 B   **Save Respon**

Body   Cookies   Headers (4)   Test Results

Pretty   Raw   Preview   Visualize   Text ⌄   ⇶

```
1    Invalid page size
2
```

Left sidebar fragments:
1&pageSi:
0&pageSi
=0&pageSi
=0&pageSi:
=1&pageSiz
=1&pageSiz
=1&pageSiz
e=1&pageSiz
ge=1&pageSiz
ge=1&pageSiz

New   Import   **POST** http://localhost:8080/   **POST** http://localhost:8080/   **GET** http://localhost:8080/   **GET** http://localhost:8080/en   **GET** Untitled Request

000   **HTTP** http://localhost:8080/employees?page=1&pageSize=1   S

ge=1&pageSi:

ge=1&pageSi: | GET ∨ | http://localhost:8080/employees?page=1&pageSize=1 | Send |

ge=0&pageSi   Params •   Authorization   Headers (8)   **Body**   Pre-request Script   Tests   Settings   Cook

age=0&pageSi   ● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary

age=0&pageSi: This request does not have a body ↕   ⊕ 200 OK 25 ms 174 B   **Save Response**

age=1&pageSi2   **Body** Cookies Headers (3) Test Results

age=1&pageSi2

page=1&pageSiz   Pretty   Raw   Preview   Visualize   JSON ∨

page=1&pageSiz

```
1    [
2        {
3            "id": 1,
4            "name": "John Do1",
5            "position": "Engineer",
6            "salary": 50004
7        }
8    ]
```

/page=1&pageSiz

/page=1&pageSiz

s

s

s

es

POST http://localhost:8080/   **POST** http://localhost:8080/   **GET** http://localhost:8080/   **GET** http://localhost:8080/en   **GET** Untitled Request

HTTP http://localhost:8080/employees?page=1&pageSize=7

| GET ∨ | http://localhost:8080/employees?page=1&pageSize=7 | Send |

Params ●   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings   Coo

Body   Cookies   Headers (3)   Test Results   200 OK   3 ms   495 B   Save Respons

Pretty   Raw   Preview   Visualize   JSON ∨

```
 1   [
 2       {
 3           "id": 1,
 4           "name": "John Do1",
 5           "position": "Engineer",
 6           "salary": 50004
 7       },
 8       {
 9           "id": 2,
10           "name": "John Do1",
11           "position": "Engineer",
12           "salary": 50004
13       },
14       {
15           "id": 3,
16           "name": "John Do1",
```

```
PS C:\Users\gargaur\go\Employ_Info_Assignment> go run .\main.go
8080 server started ...............
exit status 0xc000013a
PS C:\Users\gargaur\go\Employ_Info_Assignment> go run .\main.go
8080 server started ...............
exit status 0xc000013a
PS C:\Users\gargaur\go\Employ_Info_Assignment> go test ./employee
ok      Employ_Info_Assignment/employee (cached)
PS C:\Users\gargaur\go\Employ_Info_Assignment>
```

⊗ 0 ⚠ 1   📶 0