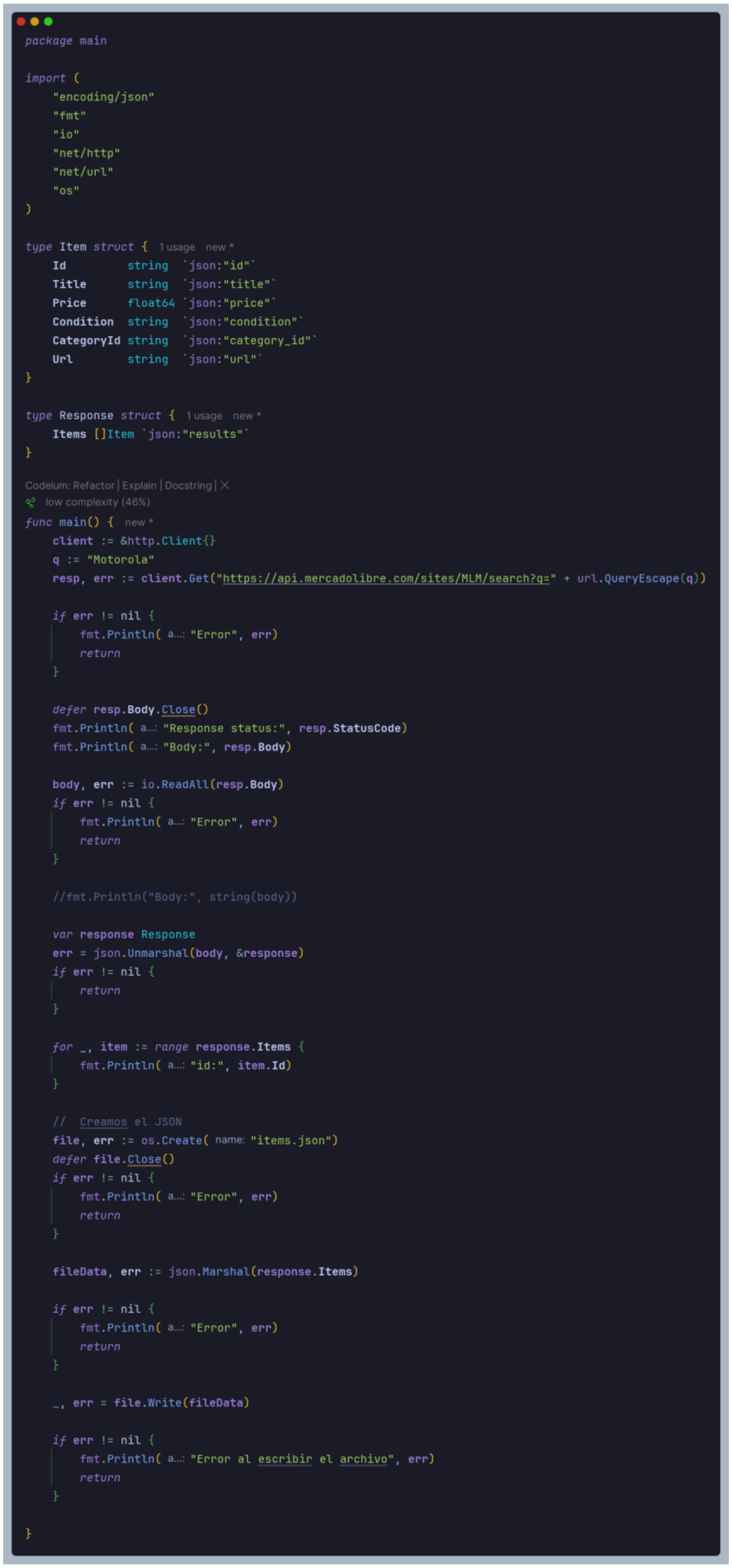
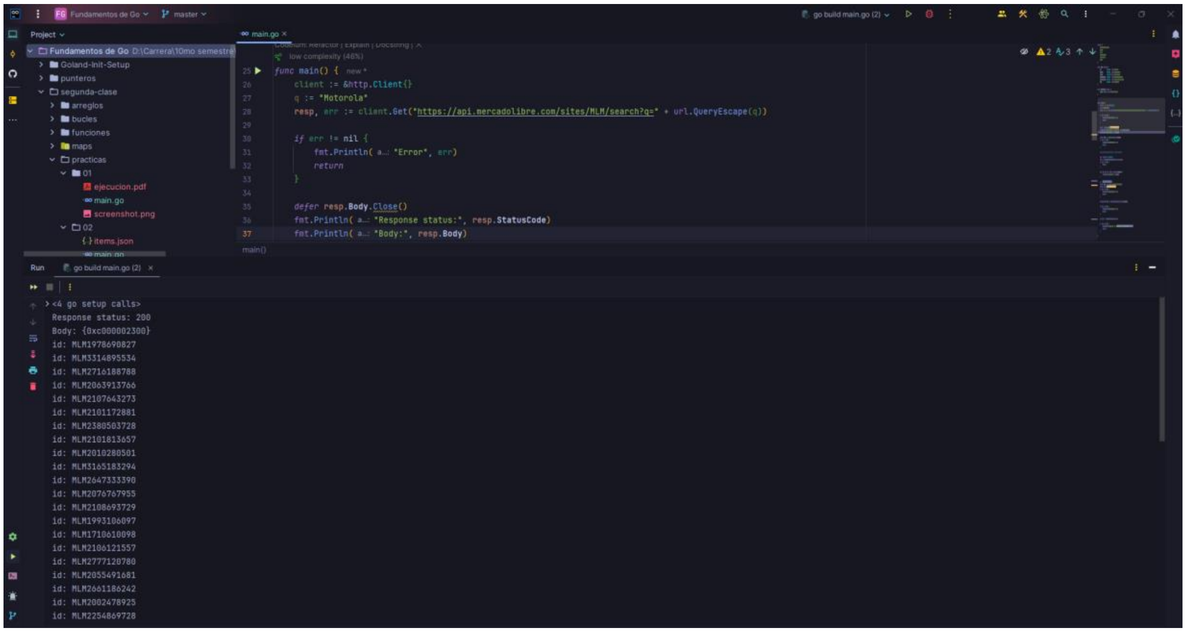
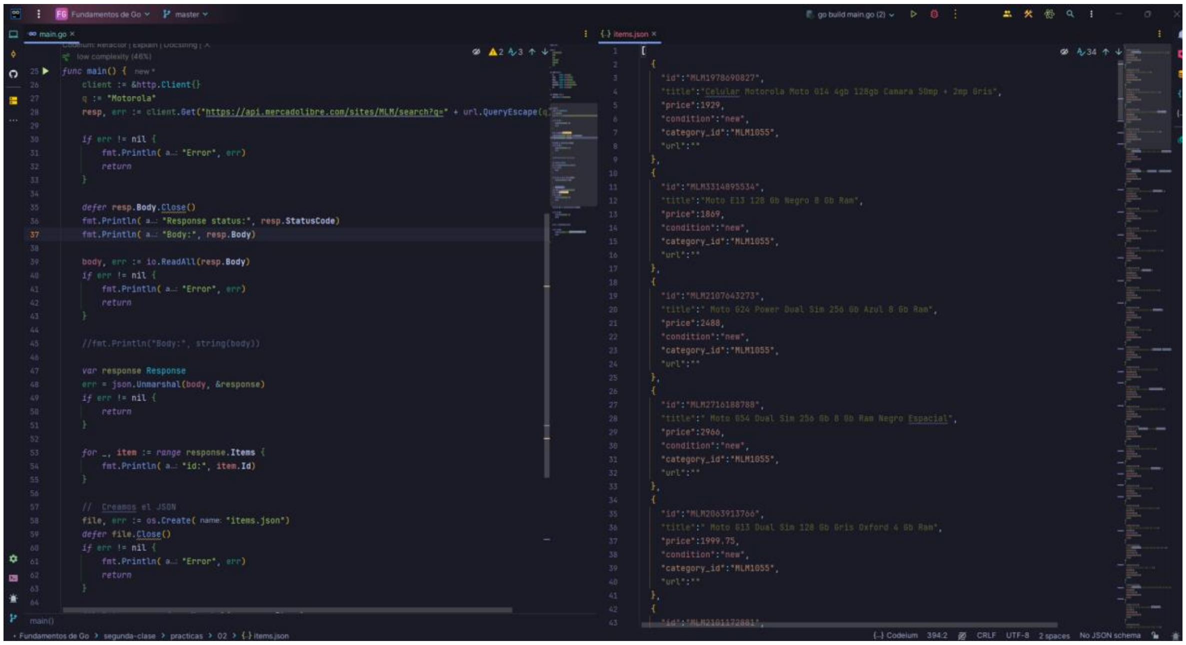


```go
package main

import (
    "encoding/json"
    "fmt"
    "io"
    "net/http"
    "net/url"
    "os"
)

type Item struct {
    Id         string  `json:"id"`
    Title      string  `json:"title"`
    Price      float64 `json:"price"`
    Condition  string  `json:"condition"`
    CategoryId string  `json:"category_id"`
    Url        string  `json:"url"`
}

type Response struct {
    Items []Item `json:"results"`
}

func main() {
    client := &http.Client{}
    q := "Motorola"
    resp, err := client.Get("https://api.mercadolibre.com/sites/MLM/search?q=" + url.QueryEscape(q))

    if err != nil {
        fmt.Println("Error", err)
        return
    }

    defer resp.Body.Close()
    fmt.Println("Response status:", resp.StatusCode)
    fmt.Println("Body:", resp.Body)

    body, err := io.ReadAll(resp.Body)
    if err != nil {
        fmt.Println("Error", err)
        return
    }

    //fmt.Println("Body:", string(body))

    var response Response
    err = json.Unmarshal(body, &response)
    if err != nil {
        return
    }

    for _, item := range response.Items {
        fmt.Println("id:", item.Id)
    }

    //  Creamos el JSON
    file, err := os.Create("items.json")
    defer file.Close()
    if err != nil {
        fmt.Println("Error", err)
        return
    }

    fileData, err := json.Marshal(response.Items)

    if err != nil {
        fmt.Println("Error", err)
        return
    }

    _, err = file.Write(fileData)

    if err != nil {
        fmt.Println("Error al escribir el archivo", err)
        return
    }

}
```



```go
func main() {
	client := &http.Client{}
	q := "Motorola"
	resp, err := client.Get("https://api.mercadolibre.com/sites/MLM/search?q=" + url.QueryEscape(q))

	if err != nil {
		fmt.Println("Error", err)
		return
	}

	defer resp.Body.Close()
	fmt.Println("Response status:", resp.StatusCode)
	fmt.Println("Body:", resp.Body)
```

```
<4 go setup calls>
Response status: 200
Body: {0xc000002300}
id: MLM1978690827
id: MLM3314895534
id: MLM2716188788
id: MLM2063913766
id: MLM2107643273
id: MLM2101172881
id: MLM2380503728
id: MLM2101813657
id: MLM2010280501
id: MLM3165183294
id: MLM2647333390
id: MLM2076767955
id: MLM2108693729
id: MLM1993106097
id: MLM1710610098
id: MLM2106121557
id: MLM2777120780
id: MLM2055491681
id: MLM2661186242
id: MLM2002478925
id: MLM2254869728
```


Fundamentos de Go
master
go build main.go (2)
main.go
items.json
Codeium: Refactor | Explain | Docstring | X
low complexity (46%)
Fundamentos de Go > segunda-clase > practicas > 02 > items.json
Codeium 394:2 CRLF UTF-8 2 spaces No JSON schema

```go
func main() {
	client := &http.Client{}
	q := "Motorola"
	resp, err := client.Get("https://api.mercadolibre.com/sites/MLM/search?q=" + url.QueryEscape(q
	
	if err != nil {
		fmt.Println("Error", err)
		return
	}

	defer resp.Body.Close()
	fmt.Println("Response status:", resp.StatusCode)
	fmt.Println("Body:", resp.Body)

	body, err := io.ReadAll(resp.Body)
	if err != nil {
		fmt.Println("Error", err)
		return
	}

	//fmt.Println("Body:", string(body))

	var response Response
	err = json.Unmarshal(body, &response)
	if err != nil {
		return
	}

	for _, item := range response.Items {
		fmt.Println("id:", item.Id)
	}

	//  Creamos el JSON
	file, err := os.Create("items.json")
	defer file.Close()
	if err != nil {
		fmt.Println("Error", err)
		return
	}

```

```json
[
  {
    "id":"MLM1978690827",
    "title":"Celular Motorola Moto G14 4gb 128gb Camara 50mp + 2mp Gris",
    "price":1929,
    "condition":"new",
    "category_id":"MLM1055",
    "url":""
  },
  {
    "id":"MLM3314895534",
    "title":"Moto E13 128 Gb Negro 8 Gb Ram",
    "price":1869,
    "condition":"new",
    "category_id":"MLM1055",
    "url":""
  },
  {
    "id":"MLM2107643273",
    "title":" Moto G24 Power Dual Sim 256 Gb Azul 8 Gb Ram",
    "price":2488,
    "condition":"new",
    "category_id":"MLM1055",
    "url":""
  },
  {
    "id":"MLM2716188788",
    "title":" Moto G54 Dual Sim 256 Gb 8 Gb Ram Negro Espacial",
    "price":2966,
    "condition":"new",
    "category_id":"MLM1055",
    "url":""
  },
  {
    "id":"MLM2063913766",
    "title":" Moto G13 Dual Sim 128 Gb Gris Oxford 4 Gb Ram",
    "price":1999.75,
    "condition":"new",
    "category_id":"MLM1055",
    "url":""
  },
  {
    "id":"MLM2101172881",
```