StarwarsApp by Guillermo Siliuto

Testing Arguments

- Argument input as expected

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo
            Han Solo
    Height:                 180
    Mass:                   80
    Hair color:             brown
    Skin color:             fair
    Eye color:              brown
    Birth year:             29BBY
    Gender:                 male
    Home world:             Corellia
    Species:                Human
    Starship/s:

                            Millennium Falcon
                            Imperial shuttle


    Vehicle/s:

    Film/s:

                            The Empire Strikes Back
                            Return of the Jedi
                            A New Hope
                            The Force Awakens
```

The application shows the information of the character

- No argument input at application start

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go
You haven't input any character. Type: go run Main.go nameOfCharacter

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>
```

The application informs about the lack of arguments and closes sitself.

- Partial or erroneous name of character as argument

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han

             Han Solo
     Height:                    180
     Mass:                      80
     Hair color:                brown
     Skin color:                fair
     Eye color:                 brown
     Birth year:                29BBY
     Gender:                    male
     Home world:                Corellia
     Species:                   Human
     Starship/s:

                                Millennium Falcon
                                Imperial shuttle


     Vehicle/s:

     Film/s:
                                The Empire Strikes Back
                                Return of the Jedi
                                A New Hope
                                The Force Awakens
```

The application completes the name of the character and shows its information

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Jran
The character you entered doesn't exist
```

The application can't find a match with the erroneous name, shows an error an closes

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Jan Solo

             Jango Fett
     Height:                    183
     Mass:                      79
     Hair color:                black
     Skin color:                tan
     Eye color:                 brown
     Birth year:                66BBY
     Gender:                    male
     Home world:                Concord Dawn
     Species:                   Human
     Starship/s:

     Vehicle/s:

     Film/s:
                                Attack of the Clones
```

The application matches the closest name with the ones that exists and shows its information

Testing DataBase and Json information

- Initialize the application for the first time

Creates the database and retrieves the information from Json

Testing the Menu

- Start the aplication normally

Shows the character information and the menu

- Select first option and input no character name

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

                Han Solo
        Height:                 180
        Mass:                   80
        Hair color:             brown
        Skin color:             fair
        Eye color:              brown
        Birth year:             29BBY
        Gender:                 male
        Home world:             Corellia
        Species:                Human
        Starship/s:
                                Millennium Falcon
                                Imperial shuttle

        Vehicle/s:

        Film/s:
                                The Empire Strikes Back
                                Return of the Jedi
                                A New Hope
                                The Force Awakens
Choose one of the following options?
        Enter another character's name    (1)
        View the list of character        (2)
        View the list of vehicles         (3)
        View the list of starships        (4)
        View the list of films            (5)
        View characters by vehicle        (6)
        Exit                              (0)
1
Character name:


                Luke Skywalker
        Height:                 172
        Mass:                   77
        Hair color:             blond
        Skin color:             fair
        Eye color:              blue
        Birth year:             19BBY
        Gender:                 male
        Home world:             Tatooine
        Species:                Human
        Starship/s:
                                X-wing
                                Imperial shuttle

        Vehicle/s:
                                Snowspeeder
                                Imperial Speeder Bike

        Film/s:
                                The Empire Strikes Back
                                Revenge of the Sith
                                Return of the Jedi
                                A New Hope
                                The Force Awakens
```

Shows the first character from the database and shows the menu again

- Select first option and input a wrong character name

C:\Windows\system32\cmd.exe - go run Main.go Han Solo

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

                Han Solo
        Height:                 180
        Mass:                   80
        Hair color:             brown
        Skin color:             fair
        Eye color:              brown
        Birth year:             29BBY
        Gender:                 male
        Home world:             Corellia
        Species:                Human
        Starship/s:
                                Millennium Falcon
                                Imperial shuttle

        Vehicle/s:

        Film/s:
                                The Empire Strikes Back
                                Return of the Jedi
                                A New Hope
                                The Force Awakens

Choose one of the following options?
        Enter another character's name    (1)
        View the list of character        (2)
        View the list of vehicles         (3)
        View the list of starships        (4)
        View the list of films            (5)
        View characters by vehicle        (6)
        Exit                              (0)
1
Character name:
sadfgasd
The character you entered doesn't exist

Choose one of the following options?
        Enter another character's name    (1)
        View the list of character        (2)
        View the list of vehicles         (3)
        View the list of starships        (4)
        View the list of films            (5)
        View characters by vehicle        (6)
        Exit                              (0)
```

Shows an error and starts the menu again

- Select first option and input a correct character name

```
C:\Windows\system32\cmd.exe - go run Main.go Han Solo
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

            Han Solo
        Height:                 180
        Mass:                   80
        Hair color:             brown
        Skin color:             fair
        Eye color:              brown
        Birth year:             29BBY
        Gender:                 male
        Home world:             Corellia
        Species:                Human
        Starship/s:
                                Millennium Falcon
                                Imperial shuttle

        Vehicle/s:

        Film/s:
                                The Empire Strikes Back
                                Return of the Jedi
                                A New Hope
                                The Force Awakens

Choose one of the following options?
        Enter another character's name      (1)
        View the list of character          (2)
        View the list of vehicles           (3)
        View the list of starships          (4)
        View the list of films              (5)
        View characters by vehicle          (6)
        Exit                                (0)
1
Character name:
Obi-Wan Kenobi

            Obi-Wan Kenobi
        Height:                 182
        Mass:                   77
        Hair color:             auburn, white
        Skin color:             fair
        Eye color:              blue-gray
        Birth year:             57BBY
        Gender:                 male
        Home world:             Stewjon
        Species:                Human
        Starship/s:
                                Jedi starfighter
                                Trade Federation cruiser
                                Naboo star skiff
                                Jedi Interceptor
                                Belbullab-22 starfighter

        Vehicle/s:
                                Tribubble bongo

        Film/s:
                                The Empire Strikes Back
                                Attack of the Clones
                                The Phantom Menace
                                Revenge of the Sith
                                Return of the Jedi
                                A New Hope

Choose one of the following options?
        Enter another character's name      (1)
        View the list of character          (2)
        View the list of vehicles           (3)
        View the list of starships          (4)
        View the list of films              (5)
        View characters by vehicle          (6)
```

Shows the character information and shows the menu again

- Select the second option of the menu (view list of characters)

C:\Windows\system32\cmd.exe - go run Main.go Han Solo

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

            Han Solo
        Height:                 180
        Mass:                   80
        Hair color:             brown
        Skin color:             fair
        Eye color:              brown
        Birth year:             29BBY
        Gender:                 male
        Home world:             Corellia
        Species:                Human
        Starship/s:
                                Millennium Falcon
                                Imperial shuttle

        Vehicle/s:

        Film/s:
                                The Empire Strikes Back
                                Return of the Jedi
                                A New Hope
                                The Force Awakens
Choose one of the following options?
        Enter another character's name    (1)
        View the list of character        (2)
        View the list of vehicles         (3)
        View the list of starships        (4)
        View the list of films            (5)
        View characters by vehicle        (6)
        Exit                              (0)
2

        CHARACTERS:
        -Luke Skywalker
        -C-3PO
        -R2-D2
        -Darth Vader
        -Leia Organa
        -Owen Lars
        -Beru Whitesun lars
        -R5-D4
        -Biggs Darklighter
        -Obi-Wan Kenobi
        -Anakin Skywalker
        -Wilhuff Tarkin
        -Chewbacca
        -Han Solo
        -Greedo
        -Jabba Desilijic Tiure
        -Wedge Antilles
        -Jek Tono Porkins
        -Yoda
        -Palpatine
        -Boba Fett
        -IG-88
        -Bossk
        -Lando Calrissian
        -Lobot
        -Ackbar
        -Mon Mothma
        -Arvel Crynyd
        -Wicket Systri Warrick
        -Nien Nunb
        -Qui-Gon Jinn
        -Nute Gunray
        -Finis Valorum
```

Shows the whole list of characters of the database and shows the menu again

- Choose the third option (view list of vehicles)

```
C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

              Han Solo
        Height:                 180
        Mass:                   80
        Hair color:             brown
        Skin color:             fair
        Eye color:              brown
        Birth year:             29BBY
        Gender:                 male
        Home world:             Corellia
        Species:                Human
        Starship/s:

                                Millennium Falcon
                                Imperial shuttle

        Vehicle/s:

        Film/s:

                                The Empire Strikes Back
                                Return of the Jedi
                                A New Hope
                                The Force Awakens

Choose one of the following options?
        Enter another character's name    (1)
        View the list of character        (2)
        View the list of vehicles         (3)
        View the list of starships        (4)
        View the list of films            (5)
        View characters by vehicle        (6)
        Exit                              (0)
3

        VEHICLES:
        -Snowspeeder
        -Imperial Speeder Bike
        -Tribubble bongo
        -Zephyr-G swoop bike
        -XJ-6 airspeeder
        -AT-ST
        -Sith speeder
        -Flitknot speeder
        -Koro-2 Exodrive airspeeder
        -Tsmeu-6 personal wheel bike

Choose one of the following options?
        Enter another character's name    (1)
        View the list of character        (2)
        View the list of vehicles         (3)
        View the list of starships        (4)
        View the list of films            (5)
        View characters by vehicle        (6)
        Exit                              (0)
```

Shows the whole list of vehicles of the database and shows the menu again

- Choose the fourth option (view list of starships)


```
C:\Windows\system32\cmd.exe - go  run Main.go Han Solo

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

            Han Solo
        Height:                  180
        Mass:                    80
        Hair color:              brown
        Skin color:              fair
        Eye color:               brown
        Birth year:              29BBY
        Gender:                  male
        Home world:              Corellia
        Species:                 Human
        Starship/s:
                                 Millennium Falcon
                                 Imperial shuttle

        Vehicle/s:

        Film/s:
                                 The Empire Strikes Back
                                 Return of the Jedi
                                 A New Hope
                                 The Force Awakens
Choose one of the following options?
        Enter another character's name   (1)
        View the list of character       (2)
        View the list of vehicles        (3)
        View the list of starships       (4)
        View the list of films           (5)
        View characters by vehicle       (6)
        Exit                             (0)
4

        STARSHIPS:
        -X-wing
        -Imperial shuttle
        -TIE Advanced x1
        -Jedi starfighter
        -Trade Federation cruiser
        -Naboo star skiff
        -Jedi Interceptor
        -Belbullab-22 starfighter
        -Naboo fighter
        -Millennium Falcon
        -Slave 1
        -A-wing
        -Naboo Royal Starship
        -Scimitar
        -T-70 X-wing fighter
        -H-type Nubian yacht

Choose one of the following options?
        Enter another character's name   (1)
        View the list of character       (2)
        View the list of vehicles        (3)
        View the list of starships       (4)
        View the list of films           (5)
        View characters by vehicle       (6)
        Exit                             (0)
```

Shows the whole list of starships of the database and shows the menu again

- Choose the fifth option (view list of films)


```
C:\Windows\system32\cmd.exe - go  run Main.go Han Solo

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>go run Main.go Han Solo

            Han Solo
    Height:                 180
    Mass:                   80
    Hair color:             brown
    Skin color:             fair
    Eye color:              brown
    Birth year:             29BBY
    Gender:                 male
    Home world:             Corellia
    Species:                Human
    Starship/s:
                            Millennium Falcon
                            Imperial shuttle

    Vehicle/s:

    Film/s:
                            The Empire Strikes Back
                            Return of the Jedi
                            A New Hope
                            The Force Awakens

Choose one of the following options?
    Enter another character's name    (1)
    View the list of character        (2)
    View the list of vehicles         (3)
    View the list of starships        (4)
    View the list of films            (5)
    View characters by vehicle        (6)
    Exit                              (0)
5

    FILMS:
    -The Empire Strikes Back
    -Revenge of the Sith
    -Return of the Jedi
    -A New Hope
    -The Force Awakens
    -Attack of the Clones
    -The Phantom Menace

Choose one of the following options?
    Enter another character's name    (1)
    View the list of character        (2)
    View the list of vehicles         (3)
    View the list of starships        (4)
    View the list of films            (5)
    View characters by vehicle        (6)
    Exit                              (0)
```

Shows the whole list of films of the database and shows the menu again

- Choose the "Exit" option

```
The Force Awakens

Choose one of the following options?
        Enter another character's name   (1)
        View the list of character       (2)
        View the list of vehicles        (3)
        View the list of starships       (4)
        View the list of films           (5)
        View characters by vehicle       (6)
        Exit                             (0)
0
Good Bye! May the force be with you!

C:\Users\Bund!\go\src\StarWarsApp\StarWarsApp>
```

Prints a good bye message and closes the application