Start Application

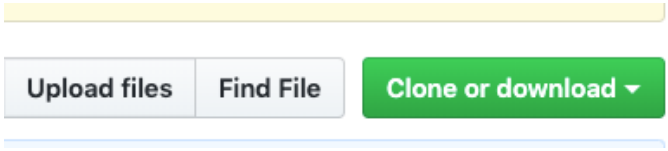
Java Version

```
java version "12.0.1" 2019-04-16
Java(TM) SE Runtime Environment (build 12.0.1+12)
```

Run on IntelliJ IDE

Clone Repo

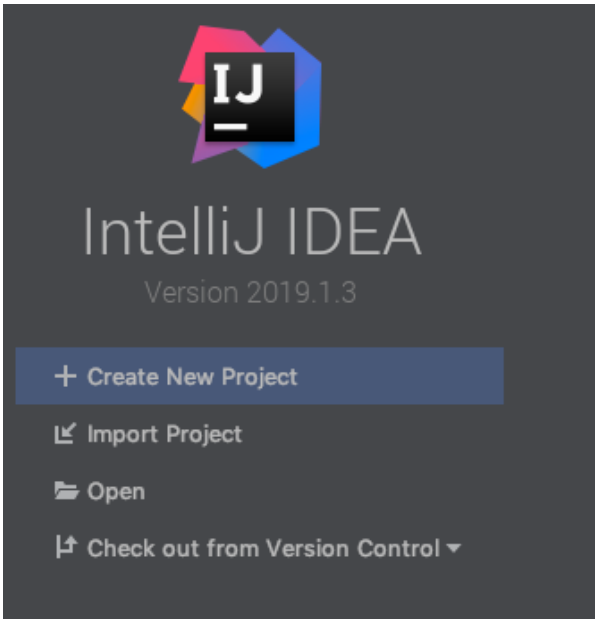
1- First got to this url: here
2- Click on Clone or Download



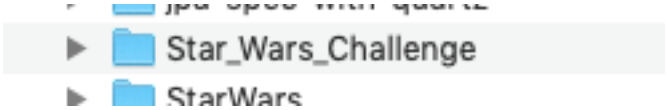
3-Copy the HTTPS url
4-if you don't have install GIT for command line go and instal it. You can do it if you follow this link.
5- go to you cmd, and go to the folder where your desire to clone the repository using the command cd 'route path directory'
6- type the following: *git clone* https://github.com/DMGlion/Star_Wars_Challenge.git

Open on IntelliJ

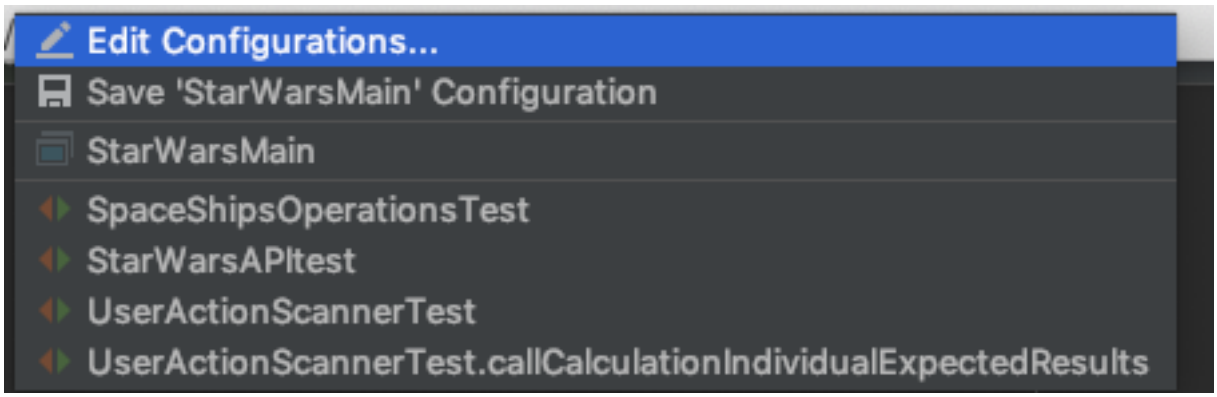
1-Open intelliJ IDE and select Open.



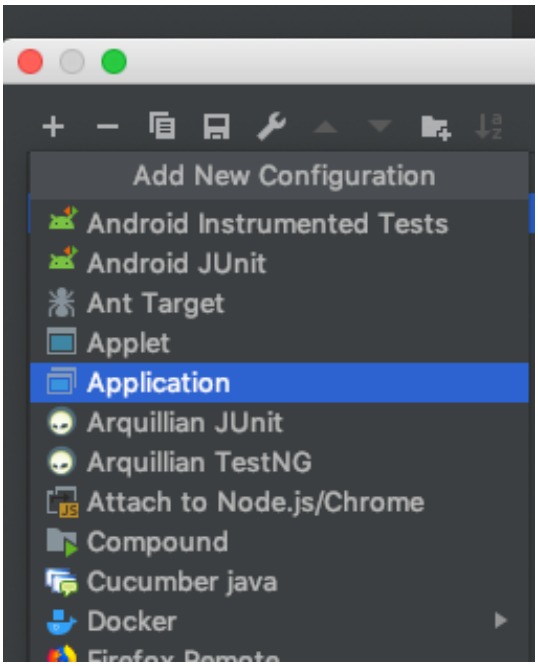
2- Go to the root directory where you cloned the application and click open.



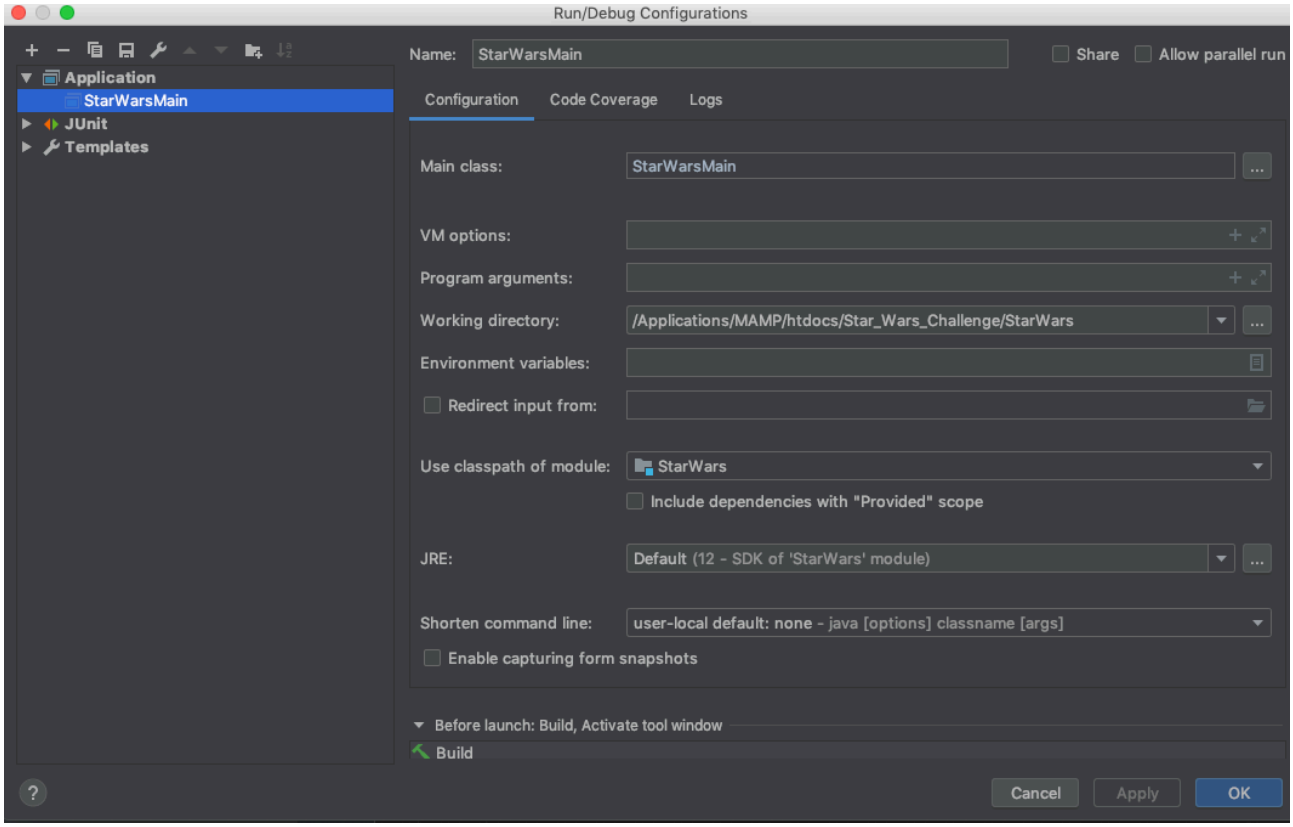
3-Wait for IntelliJ will open the application and petit up for you.
4- Go to start edit configuration



5-Click on the plus and select Application.



7- Now you just need to setup the main class has StarWarsMain



Press apply and ok then the app configuration will be save.
8-Now just press start and play.

Run from a Jar file

I have added an executable jar file in the document folder.

To execute it you just need to go with the terminal to the document folder using cd path of the document folder and the execute the StarWars.jar.

Then the program will start to execute.

How use the app StarWars

```
inpaiu:Documentation macbookpro$ java -jar StarWars.jar
```

1-When the application start to execute you will see the following screen on the console of IntelliJ or the cmd terminal.

```
        Welcome to the intergalactic travel

=================Select a function=================
 start: Calculate total amount of stops by distance
 quit: exit
===================================================

Type function
```

2-Then you will have to select one of the function described one the screen which are:

-quit: you will exit from the application

-start: that will start to execute the functionality to calculate how may stops a space ship will have to do based on their own characteristics(Speed MGLT per hour), and consumables(independence of the starship for consumables), consumables can be defined in days, weeks, months out years.

2-When you select start you will be asked to input a distance on MGLT

Definition of MGLT: The Maximum number of Megalights this starship can travel in a standard hour. A "Megalight" is a standard unit of distance and has never been defined before within the Star Wars universe. This figure is only really useful for measuring the difference in speed of starships. We can assume it is similar to AU, the distance between our Sun (Sol) and Earth.

```
        Welcome to the intergalactic travel

=================Select a function=================
 start: Calculate total amount of stops by distance
 quit: exit
===================================================

Type function
start

Enter a distance on MGLT
```

If you input an incorrect value you will be notify and the system will bring you to the first option. Correct values are only integers with a max value of 2,147,483,647 (inclusive).

3-After the system will start to proceed to calculate how many times each space ship from the world of start wars will have to stop in reference of the value inputed. after a while depending on the speed of the API service the result will be displayed

```
Enter a distance on MGLT
2345678
Executor: 1.0
Sentinel-class landing craft: 45.0
Death Star: 8.0
Millennium Falcon: 21.0
Y-wing: 174.0
X-wing: 139.0
TIE Advanced x1: 186.0
Slave 1: 45.0
Imperial shuttle: 32.0
EF76 Nebulon-B escort frigate: 3.0
Calamari Cruiser: 2.0
A-wing: 116.0
B-wing: 153.0
Republic Cruiser: unknown
Naboo fighter: unknown
Naboo Royal Starship: unknown
Scimitar: unknown
J-type diplomatic barge: unknown
AA-9 Coruscant freighter: unknown
Jedi starfighter: unknown
H-type Nubian yacht: unknown
Star Destroyer: 2.0
Trade Federation cruiser: unknown
Theta-class T-2c shuttle: unknown
T-70 X-wing fighter: unknown
Rebel transport: 26.0
Droid control ship: unknown
Republic Assault ship: unknown
Solar Sailer: unknown
Republic attack cruiser: unknown
Naboo star skiff: unknown
Jedi Interceptor: unknown
arc-170: 195.0
Belbullab-22 starfighter: unknown
V-wing: unknown
CR90 corvette: 4.0
Banking clan frigate: unknown
```