Before starting, you will need:
- Git
- Your own dev setup
- GoLang

Rules
1. You have three full days to implement a solution
2. We are really interested in your object oriented or functional design skills
3. We also interested how you make process such us analytics process when building software
4. You have to solve the problem in any object oriented or functional language **without using external libraries or frameworks** to the core language except testing library for TDD
5. Solution that you create must build and can run on Linux, if possible you can set up using Docker
6. Please use Git for version control, but don't publish your answer to public repository such as bitbucket or github
7. We expect you to send us a **standard zip or tarball** of your source code when you're done that includes Git metadata (the .git folder) in tarball
8. Please create your folder name with **loan_process_[name]**, with small captions and no space

Problem Statement

Company want to create an automated validation loans systems that allows Customer request loan and validate it without human intervention. System have requirement for Loan Request are 50 requests per day. Each loan that have already requests limited to Maximum 10 million Rupiah and Minimum 1 million Rupiah with multiples amount is 1 million. If amount is being accepted, each loan will check to age Customer and Province at every request loans. Condition for age were 17 for minimal, and 80 for maximum age. For Province that Company accept are "DKI JAKARTA", "JAWA BARAT", "JAWA TIMUR", and "SUMATERA UTARA". If request full fill that requirement loan request will be "Accepted" otherwise it will be "Rejected"

When a request have enters into loan validation, Company need to give a loan ID to the Customer. The loan ID process includes documenting the Personal ID (KTP), Full Name, and Gender. For loan that have been "Accepted", get admin fee 100 thousand rupiah.

Example :

Assuming a day max request 50, the following command should be run in sequence by typing them in at a prompt and should produce output as described below the command. Note that "exit" terminates the process

```
$ create_day_max 50
```
Created max request with 50 requests

```
$ add 3102020109900001 FahriKumala 5000000
```
Success: 12091901

```
$ add 3105040701900100 AchmadAilia 500000
```
Success: 12091902

```
$ add 3509024205890020 DindaMantapJiwa 2000000
```
Success: 12091903

```
$ add 3509022205890022 NamaLengkapWanita 5000000
```
Success: 12091904

```
$ status 12091901
```
Loan ID 12091901 is Accepted

```
$ installment 12091901 03
```

Month	DueDate	AdministrationFee	Capital	Total
1	12102019	33333	1666666	1699999
2	12112019	33333	1666666	1699999
3	12122019	33333	1666666	1699999

```
$ find_by_amount_accepted 5000000
```
12091901 12091904

```
$ find_by_amount_rejected 10000000
```
Sorry, doesn't found it

```
$ exit
```