

X Lambton



Hello !

My name is `41/2/67/5/53/71/#/3/23/73/73/11/47/5/53/79/67/73`

How are you doing?

Let's start our mission ...

Mission: As a senior programmer, you were hired by **XLAMBTON AGENCY** to create an iOS app for headquarter follow agents in the field in a safe way.

Note : You have to develop 2 solutions (IOS APPS):
1 CoreData + 1 Data Base

Add Agent

Name: Marcos Bittencourt

Mission: I (options: I, R, P)

Country: Brazil

Date: 19/07/2018 (DD/MM/YY)

Note : You have to use picker view
Mission, Country and Date

store encrypted data >>>



List of Agents

345797584048484

798044435671233

121345467123455

574930284756292

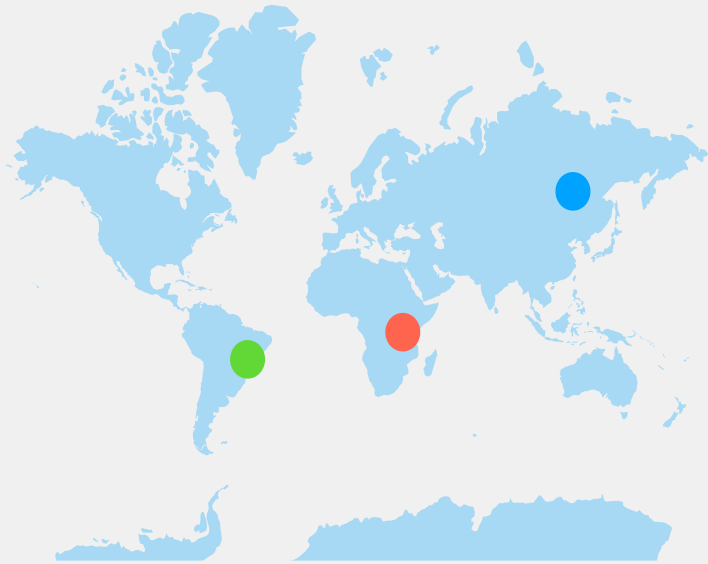
222234445678891

Go to MAP >>>

View



MAP ZONE



I

R

P

WEB IMAGES



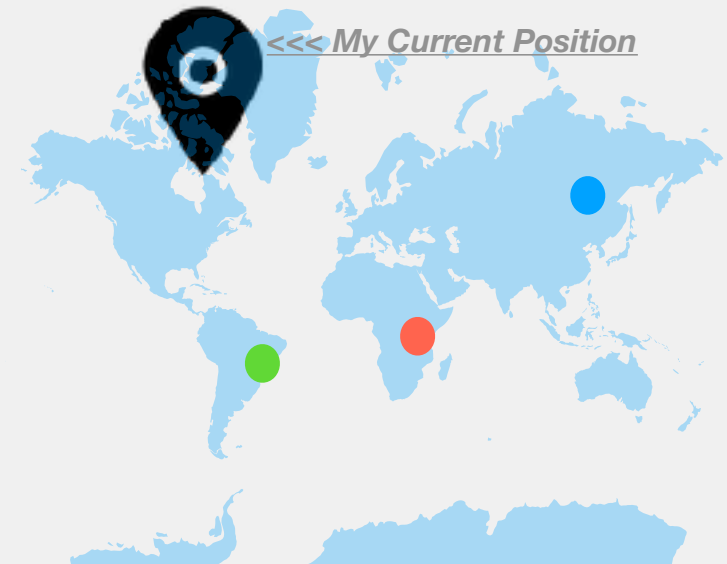
Slide and change images
from different countries
(using GCD) based on agent country

Go to Mission Update >>>

MSG



MISSION UPDATE



X KM



Y KM



Z KM



Note: You can send a real e-mail to a specific agent with a picture you just took.



MACHINE CYPHER

Agents File
INPUT

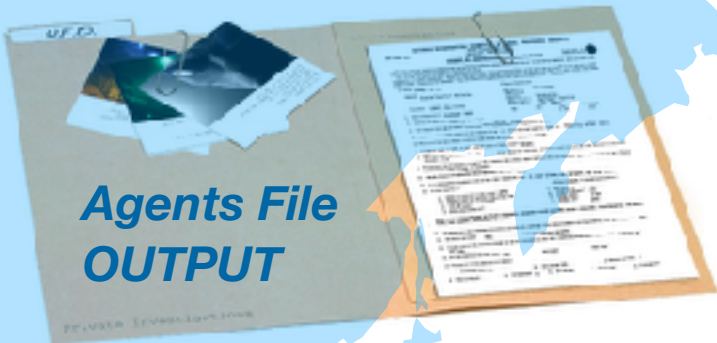


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ENCRYPTION MACHINE

Agents File
OUTPUT



Name,
Mission,
Country,
Date



CLASSIFIED
TOP SECRET

[Encryption Algorithm]

KEY1: ABCDEFGHIJKLMNOPQRSTUVWXYZ ... or abcdefghijklmnopqrstuvwxyz

OUTPUT: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101
(prime numbers)

KEY2: 1 2 3 4 5 6 7 8 9 0

OUTPUT: A C E G I K M O Q S

KEY3: BLANK SPACE

OUTPUT: #

.....

Considerations:

1) MISSION: I, R and P

2) DATE FORMAT: DDMMYY (EXAMPLE: 04032017 = SGSECSAM)

3) **A TIP:** USE "/" or other character different from "#" to each OUTPUT
to help you during the process of conversion. (EXAMPLE: NAME: BAB ABA)

CODING ==> 3/2/3/#/2/3/2

DECODING ==> BAB ABA