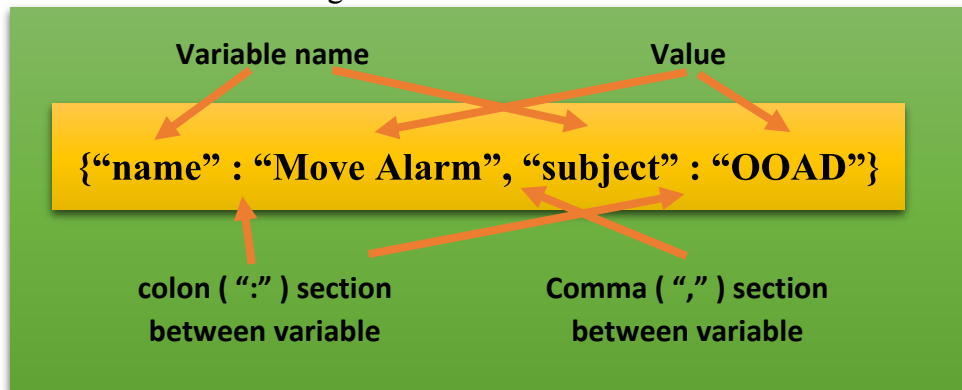


# Move Alarm API

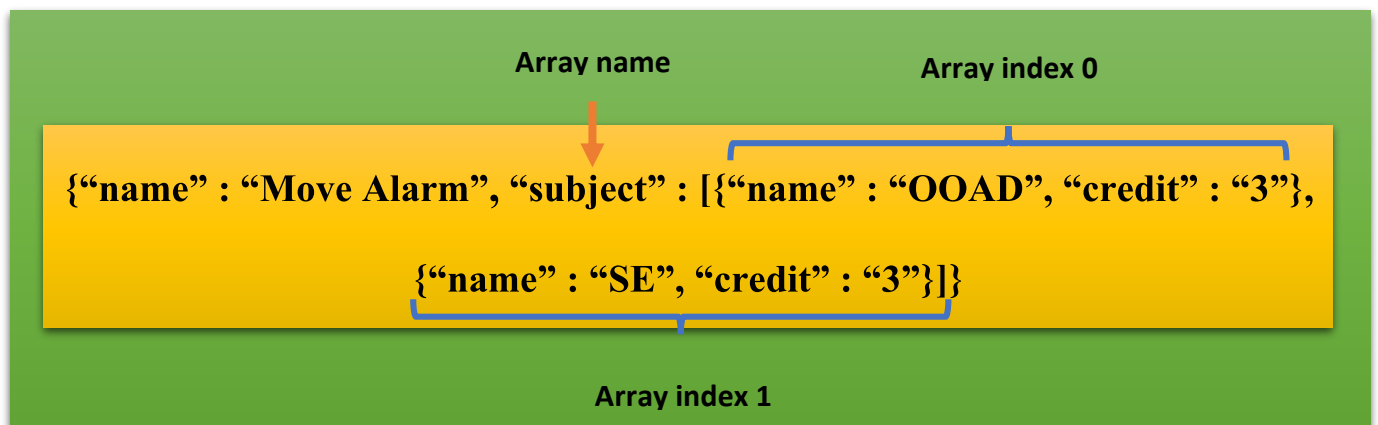
## API Data formats

1. String format : normal text
2. JSON

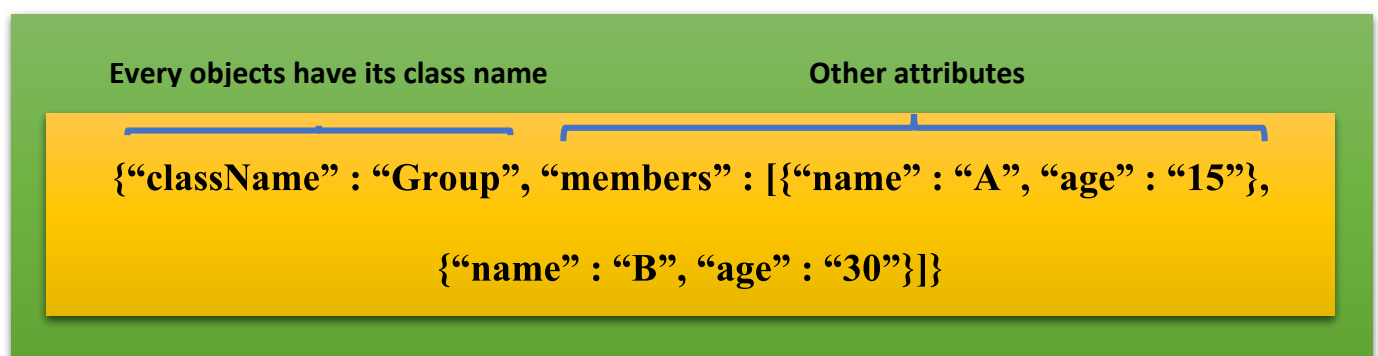
### 2.1. JSON normal string



### 2.2. JSON normal string with array



### 2.3. JSON inform of Move Alarm API Object



## 2.4. JSON inform of Process Status Description Format (PSDF)

Status of process (true or false)

```
{“status” : “false”, “description” : “An error has occurred while saving the  
data to the database”}
```

Description of status of process

## User API

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Find user by an id	/user/findByID	POST	int id	int id	JSON	User
Find user by condition	/user /findByWhere	POST	String columnName, operator, value	String columnName, operator, value	JSON	User[] users
Find user by ranking	/user /findByRank	POST	String startRank, endRank	String startRank, endRank	JSON	User[] users
Get all users	/user /getAllUsers	GET			JSON	User[] users
Create new user	/user /createUser	POST	String JSON	User user	JSON	PSDF
Update or change user's fields	/user /updateUser	POST	String JSON	User user	JSON	PSDF
Change user's password	/user /changePassword	POST	String JSON	User user String oldPassword, newPassword, confirmPassword	JSON	PSDF
Delete a user	/user/delete	POST	String JSON	User user	JSON	PSDF
Count every user in database	/user /countAllUsers	GET			JSON	User[] users
Check user's rank	/user /getUserRank	POST	String JSON	User user	String	int

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
<b>Increase user's score</b>	/user /increaseScore	POST	<b>String</b> JSON	<b>User</b> user <b>int</b> score <b>String</b> description	<b>JSON</b>	<b>PSDF</b>
<b>Decrease user's score with description</b>	/user /decreaseScore	POST	<b>String</b> JSON	<b>User</b> user <b>int</b> score <b>String</b> description	<b>JSON</b>	<b>PSDF</b>
<b>Reset user's score</b>	/user/resetScore	POST	<b>String</b> JSON	<b>User</b> user	<b>JSON</b>	<b>PSDF</b>
<b>login</b>	/user/login	POST	<b>String</b> userName, password	<b>String</b> userName, password	<b>JSON</b>	<b>PSDF</b>