

```
<----->
<===== WELCOME TO Keys =====>
A tool to manage your passwords at one place.
```

```
<----->

Install:
```

```
    Install the Keys package using installer provided.
    ./install
```

```
Description:
```

```
"Keys" is a password manager to help a user to store and organize passwords.
Keys manages and stores the passwords encrypted and locally, requiring the user
to create a master password: a single, strong password which grants the user
access to their entire password database. Keys protects the user data using the
AES-256-cbc encryption with salted format.
```

```
USAGE:
```

```
    keys <argument> [-ne],[-ue],[-h],[-re],[--set_profile],[--
reset_masterkey]
```

```
Options :
```

```
keys
```

```
    Shows the available nicknames and ask user to select nickname.
```

```
keys list
```

```
    Prints the available nicknames and exit.
```

```
keys --nickname|-n
```

```
    Prints the details of given nickname.
```

```
keys --help|-h
```

```
    Prints the information about package and exit.
```

```
keys --new-entry|-ne
```

```
    Collects the details from the user and stores in database. nickname is
    mandatory to be unique. However, it will warn the user if nickname
    already exists.
```

```
keys --remove-entry|--delete-entry|-re|
```

```
    Removes the entry for given nickname from the database.
```

```
keys --update-entry|-ue
```

```
    Updates the existed nickname. And warns if nickname doesn't exist.
    And suggests to use --new_entry command.
```

```
keys --set-profile|-sp
```

```
    Register user profile and details such as master key and recovery
    questions.
```

```
keys --reset-masterkey|-rmk
```

```
    Resets the master key after user authentication either OTP or previous
    masterkey.
```

```
keys --recover-masterkey|-recover
```

```
    Recovers the master key based on registered recovery questions.
```

```
Keys --version|-v
```

```
    Prints the current version of the code.
```

```
Keys --enable-OTP
```

Enables the OTP service.

Keys --disable-OTP  
Disables the OTP service.

Keys --update-profile  
Updates the user profile details including recovery options.

Keys --uninstall|--clean  
Removes the all database and uninstalls the keys package.

Keys --import|-imp  
Imports the data from the file to database.

Keys --export|-exp  
Exports the data from database to given file.

Authour:

Anji Babu Kapakayala  
([anjibabu480@gmail.com](mailto:anjibabu480@gmail.com))  
IIT Kanpur, India.