

Documentation

AddHabit Class

Method:

- **add_habit**(self, name: str, category: str, frequency: str, duration: str, unitset: str, start_date: str, file_db):
Adds a new habit to the sqlite database.
 :*param* name: the name of the habit
 :*param* category: the category of the habit
 :*param* frequency: the frequency of the habit
 :*param* duration: how long the habit lasts
 :*param* unitset: the unit set of the habit
 :*param* start_date: the start date of the habit (YYYY/MM/DD)
 :*param* file_db: the name of the db file

EditHabit Class

Attributes:

- **habit_name** (str): the name of the habit that needs to be edited
- **choice** (str): the user's choice of what should be edited in habit (name/category/frequency)
- **new_value** (str): the new value that the users input

Methods:

- **edit**(self, file_db):
Changes the name/category/frequency of the specified habit in the database.
 :*param* file_db: the name of the db file

AnalyzeHabit Class

Methods:

- **check_off**(self, name: str, answer: str, file_db):
This function is responsible for marking the habit after its completion.
 :*param* name: the name of the habit
 :*param* answer: user response
 :*param* file_db: the name of the db file
- **count_streak_days**(self, habit_name: str, frequency: str, file_db):
Counts streak days

:param habit_name: the name of the habit
:param frequency: the frequency of the habit
:param file_db: the name of the db file

- **report**(self, purpose: str, file_db):
Gives information about habits
:param purpose: user response
:param file_db: the name of the db file

PredefinedHabits Class

Method:

- **report_predefined_habits**(self, file_db):
Reviews all predefined habits
:param file_db: the name of the db file

DeleteHabit Class

Method:

- **delete_the_habit**(self, name: str, file_db):
This function is responsible for deleting the habit by its name.
:param name: the name of the habit
:param file_db: the name of the db file