

Documentation

CreateHabit Class

Attributes:

- name (str):
 - the name of the habit
- frequency (str):
 - the frequency of the habit ("daily", "weekly")
- periodicity (str):
 - how long the habit lasts ("20 days", "10 weeks", "2 months")
- unitset (str):
 - the unit set of the habit ("20 minutes", "10 pages")
- start_date (str):
 - the start date of the habit (DD/MM/YYYY)
- end_date (str):
 - the end date of the habit (DD/MM/YYYY)
- check_off (int):
 - how many times the habit has been completed
- last_updated_day (str):
 - last time when the habit completed (DD/MM/YYYY)
- streak_days (int):
 - counts the number of streak days

Methods:

- end_date(self, periodicity, date)
 - Calculates when the habit should end
 - :param** periodicity (str)
 - :param** date (str)
 - Parameters are automatically assigned to the function and the function cannot be called directly.
- add_habit(self, db_file)
 - Adds a new habit and stores it in the database
 - :param** db_file

ManageHabit Class

Methods:

- edit(self, name, thing, value, db_file)
 - Changes the name and frequency of the specified habit.
:param thing (str)
:param value (str)
:param db_file
- report_all(self, db_file)
 - Shows all habits in a pretty table
:param db_file
- report_one(self, name, db_file):
 - Shows a specified habit in a pretty table
:param name (str)
:param db_file
- report_by_frequency(self, frequency, db_file):
 - Shows specified habits in a pretty table based on their frequency (daily or weekly)
:param frequency (str)
:param db_file
- check(self, name, db_file):
 - The user can mark the habit when it is completed.
:param name(str)
:param db_file
- streak_days(self, name, frequency, db_file):
 - Counts a streak days
:param name(str)
:param frequency (str)
:param db_file

PredefinedHabits Class

Method:

- report_all_ph(self, db_file)
 - Shows all predefined habits in a pretty table
:param db_file

DeleteHabit Class

Attribute:

- habit_name (str):
 - the name of the habit that needs to be deleted

Methods:

- delete_habit_manually(self, db_file)
 - This function allows a user to delete a habit manually.
:param db_file
- delete(self, db_file)
 - This function deletes a habit automatically after the duration expires.
:param db_file