

# Habit Tracker

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This app empowers you to build positive habits and achieve your personal goals. Track your daily routines, monitor progress, and stay motivated on your journey to self-improvement.

```
1 from datetime import date
2
3 class Habit:
4     def __init__(self, name, description, reminder_frequency):
5         self.name = name
6         self.description = description
7         self.reminder_frequency_map = {"daily": 1, "weekly": 7} # lowercase reminder frequencies
8         try:
9             self.reminder_frequency = self.reminder_frequency_map[self.reminder_frequency.lower()]
10        except KeyError:
11            raise ValueError("Invalid reminder frequency. Please use 'daily' or 'weekly' for now.") # Handle invalid reminder frequency
12        self.completed_dates = set() # Track completed dates
13
14    def mark_completed(self, date):
15        self.completed_dates.add(date)
16
17    def get_completion_streak(self):
18        today = date.today()
19        streak = 0
20        for completed_date in self.completed_dates:
21            if completed_date == today and (today - completed_date).days == self.reminder_frequency:
22                streak += 1
23        return streak
24
25 def main():
26     habits = []
27
28     while True:
29         print("Habit Tracker")
30         print("1. Add Habit")
31         print("2. Mark Habit Complete")
32         print("3. View Habits")
33         print("4. Exit")
34         choice = input("Enter your choice: ")
```

PROBLEMS 1 OUTPUT DEE

o (base) ed@Eduardos-Air python3  
ker.py"  
Habit Tracker  
1. Add Habit  
2. Mark Habit Complete  
3. View Habits  
4. Exit  
Enter your choice: █