contacts/

book_classses.py

UserDict

+ field: type

+ __init__() : None

AddressBook

+ notes_manager: NoteManager()

+ add_record(self, record: Record): None
+ add_note(self, text: str): None
+ print_notes(self): None
+ find(self, name: str): str
+ delete(self, name: str): None
+ update_contact_name(self, old_name: str, new_name: str, notes_manager: NoteManager): None
+ __iter__(self): AddressBookIterator
+ search_contact(self): None

AddressBookIterator

+ __init__(self, address_book: AddressBook, items_per_page: int): None
+ __iter__(self): AddressBookIterator
+__next__(self) -> list[Record]

LoadBook

+ handle(): AddressBook

SaveBook

+handle(address_book: AddressBook): None

contact_classes.py

AddContact

+ handle(address_book): None

EditContact

+ handle(address_book): None

DeletePhone

+ handle(address_book): None

DeleteContact

+ handle(address_book): None

UpcomingBirthdays

+ handle(address_book): None
+ get_upcoming_birthdays(address_book: AddressBook, days_count: int): list

fields.py

Field

+__init__(self, value: str): None
+ __str__(self): str

Name

+ __init__(self, value: str): None
+ value(self): str
+ value(self, new_value): None

Phone

+ __init__(self, value: str): None
+ is_valid_phone(value: str): bool
+ value(self): str
+ value(self, new_value: str): None
+ __str__(self): str

Email

+ __init__(self, value: str): None
+ is_valid_email(value: str): bool
+ value(self): str
+ value(self, new_value: str): None
+ __str__(self): str

Birthday

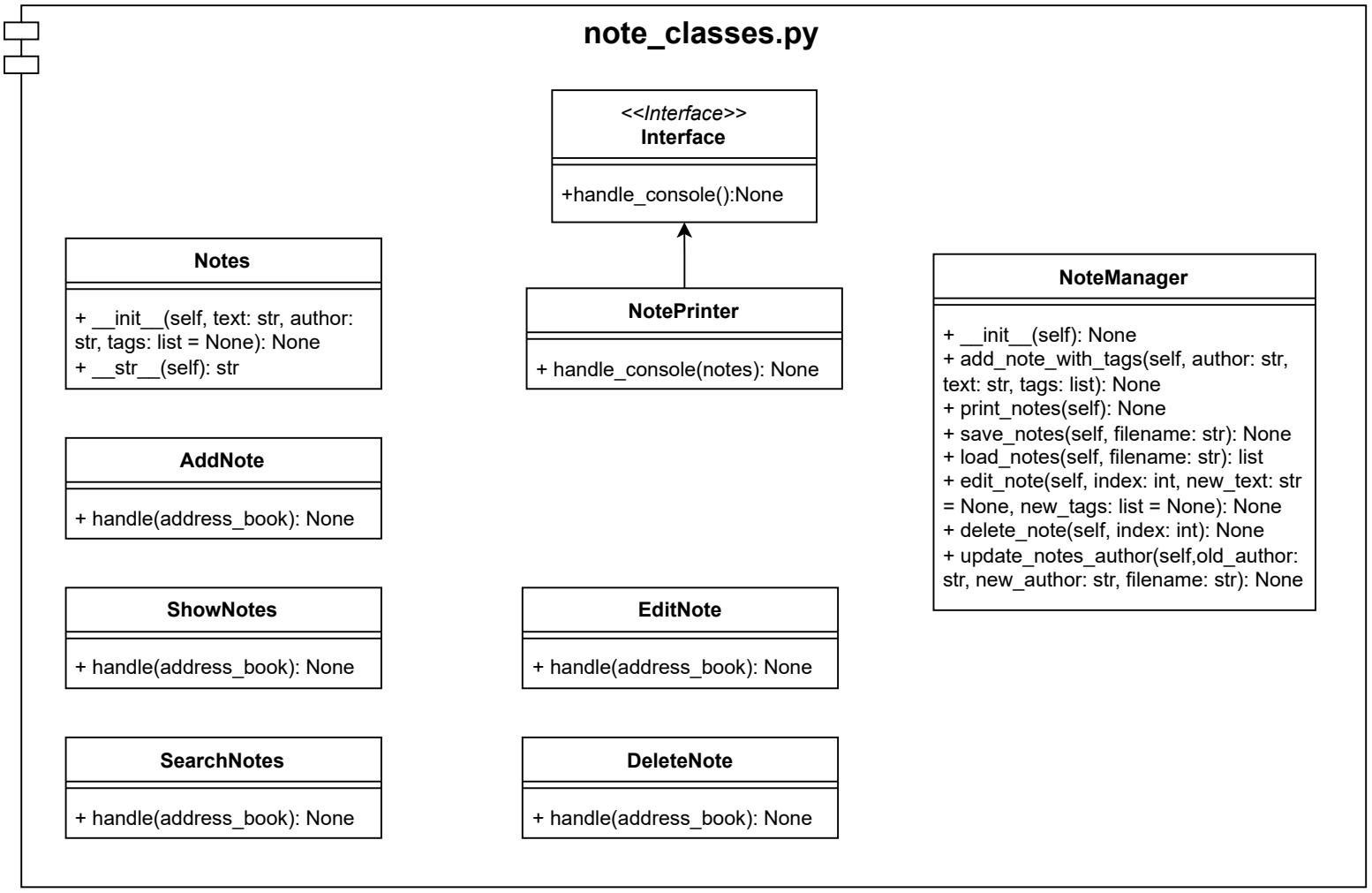
+ __init__(self, value: str): None
+ value(self): str
+ formatted_value(self): str

Record

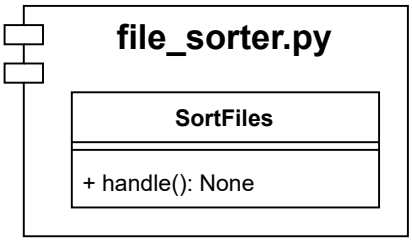
+ __init__(self, value: str): None
+ add_phone(self, phone: str): None
+ add_email(self, email: str): None
+ edit_phone(self, old_phone: str = None, new_phone: str = None): None
+ edit_email(self, new_email: str): None
+ remove_phone(self, number: str): None
+ find_phone(self, number: str): str
+ set_birthday(self, birthday: str): None
+ set_address(self, address: str): None
+ days_to_birthday(self): int
+ __str__(self): str

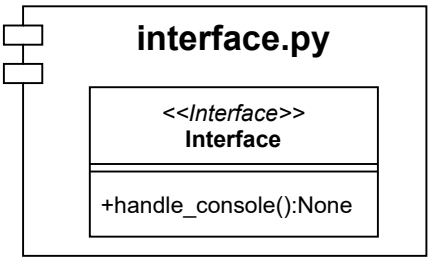
Address

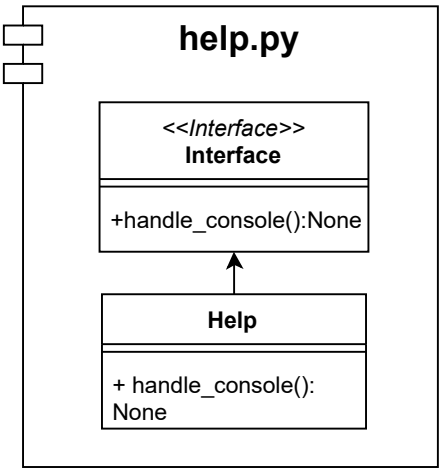
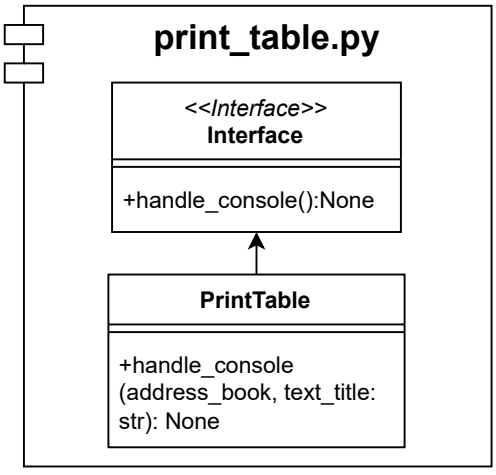
+ __init__(self, value: str): None
+ value(self): str
+ value(self, new_value: str): None



helpers/







output/