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# Create a library class
# display book
# lend book - (who owns the book if not present)
# add book
# return book
# HarryLibrary = Library(listofbooks, library_name)
#dictionary (books-nameofperson)


class Library:
    def __init__(self, list, name):
        self.booksList = list
        self.name = name
        self.lendDict = {}

    def displayBooks(self):
        print(f"We have following books in our library: {self.name}")
        for book in self.booksList:
            print(book)

    def lendBook(self, user, book):
        if book not in self.lendDict.keys():
            self.lendDict.update({book:user})
            print("Lender-Book database has been updated. You can take the book now")
        else:
            print(f"Book is already being used by {self.lendDict[book]}")

    def addBook(self, book):
        self.booksList.append(book)
        print("Book has been added to the book list")
```

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    def returnBook(self, book):
        self.lendDict.pop(book)


if __name__ == '__main__':
    harry = Library(['Python', 'Rich Daddy Poor Daddy', 'Harry Potter', 'C++ Basics', 'Algorithms by CLRS'], "CodeWithHarry")


    while(True):
        print(f"Welcome to the {harry.name} library. Enter your choice to continue")
        print("1. Display Books")
        print("2. Lend a Book")
        print("3. Add a Book")
        print("4. Return a Book")
        user_choice = input()
        if user_choice not in ['1','2','3','4']:
            print("Please enter a valid option")
            continue

        else:
            user_choice = int(user_choice)



        if user_choice == 1:
            harry.displayBooks()


        elif user_choice == 2:
            book = input("Enter the name of the book you want to lend:")
            user = input("Enter your name")
            harry.lendBook(user, book)


        elif user_choice == 3:
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    book = input("Enter the name of the book you want to add:")
    harry.addBook(book)

elif user_choice == 4:
    book = input("Enter the name of the book you want to return:")
    harry.returnBook(book)

else:
    print("Not a valid option")



print("Press q to quit and c to continue")
user_choice2 = ""
while(user_choice2!="c" and user_choice2!="q"):
    user_choice2 = input()
    if user_choice2 == "q":
        exit()

    elif user_choice2 == "c":
        continue
```