Gamecart

# Use Guide

This program is operated through a command line interface.  
The following table documents all available commands, with examples.

Please note that commands are case-sensitive.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Command | Required Arguments | Optional Arguments | Description | Examples |
| help | None | None | Print command documentation to the console. | help |
| games | None | Genre name | List all games available to purchase.  Can optionally append the name of genre to filter by genre | games games Action |
| cart show | None | None | Show all games currently in the user’s cart. | cart show |
| cart add | Game name | Quantity | Add a game to current user’s cart.   If a number is written after a game’s name, multiple copies will be added | cart add Hades cart add Hades 20 |
| cart rm | Game name | None | Remove all copies of the specified game from the current user’s cart. | cart rm Hades |
| cart buy | None | None | Purchase games in the current user’s cart. | cart buy |
| login | Username and password | None | Attempt to login with the specified username and password. | login admin passwd |
| logout | None | None | Log out the current user | logout |
| add user | Username, password, date of birth (dd/mm/yyyy),  and email | None | Create a new account with specified username password, and date of birth. | create account  username password  01/01/1970 user@user.com |
| sales | None | None | List sales and revenue, by game name. | sales |

# SQLITE3

The program uses a C interface library for Sqlite3 (https://www.sqlite.org/index.html) for storing databases (in files) on a user’s local filesystem.

On initialisation, the database will be populated with some placeholder games and user data (if it is not already present – notably a user account with the username: admin and the password: admin, for testing purposes).