

## Sample I/O

Here lists the Sample I/O. Not every conceivable scenario is shown below and you should submit your code to ED to see what specific scenarios are tested. You should also implement your solution in the same order as ED's test cases so that you can receive incremental feedback and marks as you progress.

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Welcome to the Game Kiosk! Please make a selection from the menu:
1.   Explore the catalogue.
2.   View your customer record.
3.   Show you favourite games.
4.   Top up account.
5.   Enter Admin Mode.
X.   Exit the system.
Enter a choice: 5
Welcome to the administration menu:
1.   List all customers.
2.   Add a customer.
3.   Remove a customer.
4.   List all games.
5.   Add a game to the catalogue.
6.   Remove a game from the catalogue.
R.   Return to the previous menu.
Enter a choice: 2

Adding a new customer.
Enter a new ID: 101
Enter the customer's name: Jaime
Enter the customer's initial balance: 5
Customer added.

Welcome to the administration menu:
1.   List all customers.
2.   Add a customer.
3.   Remove a customer.
4.   List all games.
5.   Add a game to the catalogue.
6.   Remove a game from the catalogue.
R.   Return to the previous menu.
Enter a choice: 2

Adding a new customer.
Enter a new ID: 102
Enter the customer's name: Luke
Enter the customer's initial balance: 3
Customer added.

Welcome to the administration menu:
1.   List all customers.
2.   Add a customer.
3.   Remove a customer.
4.   List all games.
5.   Add a game to the catalogue.
6.   Remove a game from the catalogue.
R.   Return to the previous menu.
Enter a choice: 1

The Kiosk has the following customers:
101   Jaime    $ 5
102   Luke     $ 3

Welcome to the administration menu:
1.   List all customers.
2.   Add a customer.
3.   Remove a customer.
4.   List all games.
5.   Add a game to the catalogue.
6.   Remove a game from the catalogue.
R.   Return to the previous menu.
Enter a choice: 5

Adding a new game.
Enter the title of the game: Everdell
Enter the year: 2018
Enter the genre: Hand Management
Enter price: 4
Added Everdell to catalogue.

Welcome to the administration menu:
1.   List all customers.
2.   Add a customer.
3.   Remove a customer.
4.   List all games.
5.   Add a game to the catalogue.
6.   Remove a game from the catalogue.
R.   Return to the previous menu.
Enter a choice: R
Welcome to the Game Kiosk! Please make a selection from the menu:
1.   Explore the catalogue.
2.   View your customer record.
3.   Show you favourite games.
4.   Top up account.
5.   Enter Admin Mode.
X.   Exit the system.
Enter a choice: 1
Welcome to the Catalogue! Please make a selection from the menu:
1.   Display all games.
2.   Display all available games.
3.   Display all genres.
4.   Display games in a genre.
5.   Display all games by year.
6.   Rent a game.
7.   Return a game.
R.   Return to previous menu.
Enter a choice: 3

The Kiosk has games in the following genres:
Hand Management

Welcome to the Catalogue! Please make a selection from the menu:
1.   Display all games.
2.   Display all available games.
3.   Display all genres.
4.   Display games in a genre.
5.   Display all games by year.
6.   Rent a game.
7.   Return a game.
R.   Return to previous menu.
Enter a choice: 6

Enter a valid customer ID: 101
Enter the title of the game you wish to rent: Everdell
Game rented.

Welcome to the Catalogue! Please make a selection from the menu:
1.   Display all games.
2.   Display all available games.
3.   Display all genres.
4.   Display games in a genre.
5.   Display all games by year.
6.   Rent a game.
7.   Return a game.
R.   Return to previous menu.
Enter a choice: R
Welcome to the Game Kiosk! Please make a selection from the menu:
1.   Explore the catalogue.
2.   View your customer record.
3.   Show you favourite games.
4.   Top up account.
5.   Enter Admin Mode.
X.   Exit the system.
Enter a choice: 4

Enter a customer ID: 102
Enter the top-up amount: 5

Transaction complete.
Luke's balance was: $3
Luke's current balance is: $8

Welcome to the Game Kiosk! Please make a selection from the menu:
1.   Explore the catalogue.
2.   View your customer record.
3.   Show you favourite games.
4.   Top up account.
5.   Enter Admin Mode.
X.   Exit the system.
Enter a choice: X
Thank you for using the Game Kiosk, do visit us again.
```