# Game Collection

# User's Manual

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# System Requirements

Computer running Windows or Linux operating system

Java development kit

Latest version of Java

## Getting Started

(Instructions for Linux are given in parentheses)

- Open command prompt and change the current directory to "GameCollection/src" using the "cd" command and either copying and pasting the path or typing it directly. (For Linux, use terminal)
- 2. Enter the command "run.bat" to start the program. (For Linux, enter "bash run.sh")

```
Microsoft Windows [Version 10.0.10586]

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C:\Users\josia_000>cd C:\Users\josia_000\Desktop\EECS_448_project04-master (1)\EECS_448_project04-master\GameCollection\src

C:\Users\josia_000\Desktop\EECS_448_project04-master (1)\EECS_448_project04-master er\GameCollection\src>run.bat_
```

3. A window will pop up; this is the main menu.



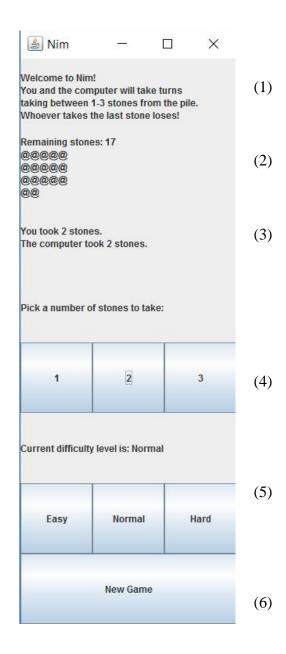
4. To play a game, simply select it from the dropdown menu.

## NIM

Nim is a turn based, 2 player game in which you compete against the computer. The game consists of 2 players (you and the computer) and a pile of stones. You and the computer alternate turns, taking between 1 and 3 (inclusive) stones away from the stone pile; whoever takes the last stone loses.

From the top to the bottom of the window, the components are as follows:

- 1. Instructions and rules of the game.
- 2. Stone pile showing the number of remaining stones. (Every new game starts with a random number of stones between 21 and 25, inclusive)
- 3. A panel showing the last 2 moves made during the game.
- 4. Buttons to make your choice of how many stones to take on your turn.
- 5. Current difficulty level and buttons to change the difficulty at any time.
- 6. Button to start a new game.



## **PONG**

Pong is a 2 player motion game in which you compete against the computer. The game consists of 2 paddles (you and the computer), a ball, and icons to keep track of score. You and the computer control your respective paddles in an attempt to reflect the ball back at each other. Players lose a score icon when the ball passes behind their paddle.

Click the new game button to start a new game.

Move your paddle with A (left) and S (right).

From the top to the bottom of the window, the components are as follows:

- 1. Button to start a new game and a button to run a test of the game.
- 2. Score icons, 5 for each player. Your icons are on the right. The player who loses all of their score icons first loses.
- 3. Computer paddle.
- 4. The ball.
- 5. Player paddle.



## SHOOTY SNAKE

Shooty snake is a 1 player motion and shooting game in which you play as a spherical astronaut, battling against ball-snakes. Fight, and attempt to survive as long as you can; but be careful, you only have 3 lives!

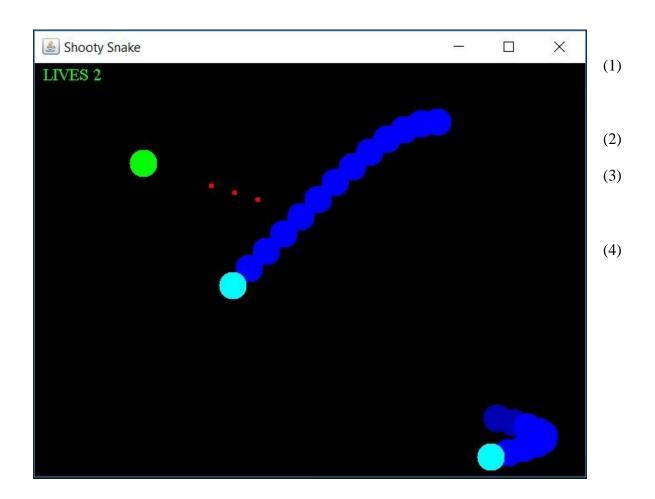
Move around with the arrow keys.

Aim with the mouse.

Shoot with the space bar.

From the top to the bottom of the window, the components are as follows:

- 1. Number of lives remaining.
- 2. The green circle is you, the viper-slaying astronaut.
- 3. The red dots are your shots.
- 4. The linked blue circles are the snakes.



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