1 pt - The ball spawns in the middle of the canvas with either an upward left or an upward right velocity. No credit if the ball moves only horizontally left or right. Bleh, that would be boring!

|  |  |  |
| --- | --- | --- |
|  | 0 pts  No ball spawns, the balls spawns moving downward or the ball spawns moving purely left or right. |  |
|  | 1 pt  The ball spawns in the middle of the canvas moving either upward left or upward right. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

2 pts - The ball bounces off of the top and bottom walls correctly. (1 pt each)

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The ball does not bounce off of either wall. |  |
|  | 1 pt  The bounces off of only one wall correctly or both walls incorrectly. |  |
|  | 2 pts  The ball bounces off of both walls correctly. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

2 pts - The ball respawns in the middle of the screen when it strikes the left or right gutter but not the paddles. (1 pt for each side) Give credit for this item even if the ball hits the edge of the canvas instead of the gutter.

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The ball does not respawn when it strikes the left or right gutters. |  |
|  | 1 pt  The ball respawns correctly for only one gutter, but not both. |  |
|  | 2 pts  The ball respawns correctly for both gutters. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

1 pt - The left and right gutters (instead of the edges of the canvas) are properly used as the edges of the table.

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The edges of the canvas are used as the edges of the Pong table. |  |
|  | 1 pt  The gutters are used as the edges of the Pong table. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

1 pt - The ball spawns moving towards the player that won the last point.

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The ball does not always spawn moving toward the winner of the last point. |  |
|  | 1 pt  The ball always spawns moving toward the winner of the last point. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

2 pts - The 'w' and 's' keys correctly control the velocity of the left paddle as described above. Please test each key in isolation. (1 pt if the paddle moves, but in an incorrect manner in response to 'w' and 's' key presses.) Please be aware that a common error for this item is to have the functionality of these keys switched since, in a few countries, the standard layout for a keyboard has the "w" key below the "s" key. If the keys work correctly except for the direction of motion being reversed, please give full credit on this item.

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The left paddle does not move in response to 'w' and 's' key presses. |  |
|  | 1 pt  The left paddle moves, but in an incorrect manner in response to 'w' and 's' key presses. |  |
|  | 2 pts  The left paddles moves in a correct manner in response to 'w' and 's' key presses. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

2 pts - The up and down arrows keys correctly control the velocity of the right paddle as described above. Please test each key in isolation. (1 pt if the paddle moves, but in an incorrect manner in response to up and down arrow key presses.)

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The right paddle does not move in response to up and down arrow key presses. |  |
|  | 1 pt  The right paddle moves, but in an incorrect manner in response to up and down arrow key presses. |  |
|  | 2 pts  The right paddle moves in a correct manner in response to up and down arrow key presses. |  |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
|  | Chengyao Duan  None |
|  | George Woodzell  None |
|  | DANIEL ALIENDE LLANOS  None |
|  | Nipun Sood  None |
|  | Sornam Sundaram  none |

2 pts - The edge of each paddle is flush with the gutter. (1 pt per paddle)

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The edges of the paddles are not flush with the gutters. |  |
|  | 1 pt  The edge of one paddle is flush with a gutter. |  |
|  | 2 pts  The edges of both paddles are flush with the gutters. | Photo of learner Chengyao DuanPhoto of learner George WoodzellPhoto of learner DANIEL ALIENDE LLANOSPhoto of learner Nipun SoodPhoto of learner Sornam Sundaram |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
| Photo of learner Chengyao Duan | Chengyao Duan  None |
| Photo of learner George Woodzell | George Woodzell  None |
| Photo of learner DANIEL ALIENDE LLANOS | DANIEL ALIENDE LLANOS  None |
| Photo of learner Nipun Sood | Nipun Sood  None |
| Photo of learner Sornam Sundaram | Sornam Sundaram  none |

2 pts - The paddles stay on the canvas at all times. (1 pt per paddle)

|  |  |  |
| --- | --- | --- |
|  | 0 pts  Neither paddle stays on the canvas. |  |
|  | 1 pt  Only one paddle always remains on the canvas. |  |
|  | 2 pts  Both paddles always remain on the canvas. | Photo of learner Chengyao DuanPhoto of learner George WoodzellPhoto of learner DANIEL ALIENDE LLANOSPhoto of learner Nipun SoodPhoto of learner Sornam Sundaram |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
| Photo of learner Chengyao Duan | Chengyao Duan  None |
| Photo of learner George Woodzell | George Woodzell  None |
| Photo of learner DANIEL ALIENDE LLANOS | DANIEL ALIENDE LLANOS  None |
| Photo of learner Nipun Sood | Nipun Sood  None |
| Photo of learner Sornam Sundaram | Sornam Sundaram  none |

2 pts - The ball correctly bounces off the left and right paddles. (1 pt per paddle)

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The ball bounces correctly off of neither paddle. |  |
|  | 1 pt  The ball bounces correctly off of only one paddle. |  |
|  | 2 pts  The ball bounces correctly off of both paddles. | Photo of learner Chengyao DuanPhoto of learner George WoodzellPhoto of learner DANIEL ALIENDE LLANOSPhoto of learner Nipun SoodPhoto of learner Sornam Sundaram |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
| Photo of learner Chengyao Duan | Chengyao Duan  None |
| Photo of learner George Woodzell | George Woodzell  None |
| Photo of learner DANIEL ALIENDE LLANOS | DANIEL ALIENDE LLANOS  None |
| Photo of learner Nipun Sood | Nipun Sood  None |
| Photo of learner Sornam Sundaram | Sornam Sundaram  none |

1 pt - The scoring text is positioned and updated appropriately. The positioning need only approximate that in the video.

|  |  |  |
| --- | --- | --- |
|  | 0 pts  Scoring text does not exist or is not updated appropriately. |  |
|  | 1 pt  The scoring text is positioned and updated appropriately. | Photo of learner Chengyao DuanPhoto of learner George WoodzellPhoto of learner DANIEL ALIENDE LLANOSPhoto of learner Nipun SoodPhoto of learner Sornam Sundaram |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
| Photo of learner Chengyao Duan | Chengyao Duan  None |
| Photo of learner George Woodzell | George Woodzell  None |
| Photo of learner DANIEL ALIENDE LLANOS | DANIEL ALIENDE LLANOS  None |
| Photo of learner Nipun Sood | Nipun Sood  None |
| Photo of learner Sornam Sundaram | Sornam Sundaram  none |

1 pt - The game includes a "Restart" button that resets the score and relaunches the ball.

|  |  |  |
| --- | --- | --- |
|  | 0 pts  The game does not have a "Restart" button or the button has no effect when clicked. |  |
|  | 1 pt  The "Restart" button resets the score and relaunches the ball. | Photo of learner Chengyao DuanPhoto of learner George WoodzellPhoto of learner DANIEL ALIENDE LLANOSPhoto of learner Nipun SoodPhoto of learner Sornam Sundaram |

Optional comments. (Enter "None" if no comments.)

|  |  |
| --- | --- |
| Photo of learner Chengyao Duan | Chengyao Duan  None |
| Photo of learner George Woodzell | George Woodzell  None |
| Photo of learner DANIEL ALIENDE LLANOS | DANIEL ALIENDE LLANOS  None |
| Photo of learner Nipun Sood | Nipun Sood  None |
| Photo of learner Sornam Sundaram | Sornam Sundaram  none |

**Overall evaluation**: Please provide feedback to your classmate for the mini-project you're grading. In particular, focus on areas where you did not assign the mini-project full credit. Remember that a sentence or two explaining your rationale will be appreciated.

|  |  |
| --- | --- |
| Photo of learner Chengyao Duan | Chengyao Duan  Well done! |
| Photo of learner George Woodzell | George Woodzell  Excellent program! I like the idea of presenting the keyboard instructions on the screen. |
| Photo of learner DANIEL ALIENDE LLANOS | DANIEL ALIENDE LLANOS  Good job!!! |
| Photo of learner Nipun Sood | Nipun Sood  None |
| Photo of learner Sornam Sundaram | Sornam Sundaram  clearly written. |