

Crushing Bugs

Bug #1

1. Because we already know where the bug is. I searched for keywords directly on google.
2. Keywords: **puzzle dropzone javascript**
3. I researched information on the Internet:
<https://dev.to/lensco825/making-a-simple-drag-and-drop-with-j-s-29l2>
<https://codepen.io/ycw/pen/pKdoww>
4. Asked Chat GPT : How do I exit a function in JS?
How to fix multiple puzzles to be placed in the same drop zone?

```
javascript Copy code  
  
function myFunction() {  
    // Some code here...  
  
    if (condition) {  
        return; // Exiting the function early  
    }  
  
    // More code here...  
}
```

```
javascript Copy code  
  
function myFunction() {  
    // Some code here...  
  
    if (condition) {  
        return someValue; // Exiting the function and returning a value  
    }  
  
    // More code here...  
}
```


Bug #2

1. I searched for keywords: **puzzle dropzone reset javascript**
2. I researched information on the Internet:
<https://github.com/dropzone/dropzone/issues/733>
<https://github.com/dropzone/dropzone/issues/1321>
3. Asked Chat GPT : How to fix reset puzzles?

```
// Function to reset the puzzle board
function resetPuzzleBoard() {
  // Loop through each drop zone
  dropZones.forEach(zone => {
    // Remove all puzzle pieces from the drop zone
    while (zone.firstChild) {
      zone.removeChild(zone.firstChild);
    }
  });

  // Move all puzzle pieces back to the draggable area
  puzzlePieces.forEach(piece => {
    // Append each puzzle piece back to the puzzle-pieces container
    puzzleBoard.appendChild(piece);
  });
}

// Modify the event handling section to call resetPuzzleBoard when resetting the game
document.getElementById("resetBut").addEventListener("click", function() {
  // Reset the puzzle board when the reset button is clicked
  resetPuzzleBoard();
});
```



Conclusion

Firstly, I don't want to rely too much on Chat GPT, so I try to find different information on the Internet. But I tried many times and nothing worked. Finally, I found the solution by asking Chat GPT.