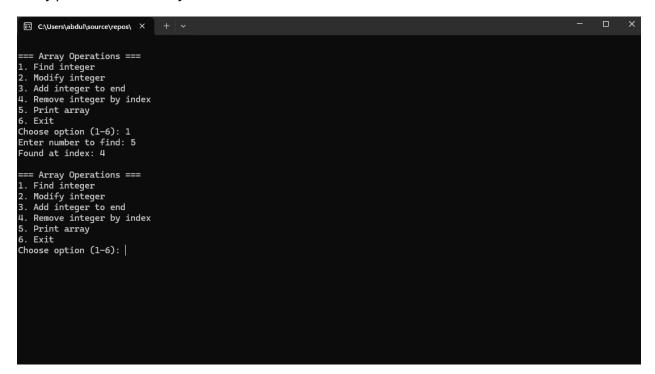
```
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=== Array \text{Operations} === 
1. \text{Find integer} 
2. \text{Modify integer} 
3. \text{Add integer to end} 
4. \text{Remove integer by index} 
5. \text{Print array} 
6. \text{Exit} 
Choose option (1-6): |
```

## Array prints successfully.



Array successfully finds integer 5 at index 4.

```
© C:\Users\abdul\source\repos\ × + ~
   Find integer

    Modify integer
    Add integer to end

4. Remove integer by index
5. Print array
6. Exit
Choose option (1-6): 1
Enter number to find: 5
Found at index: 4
=== Array Operations ===
1. Find integer
Modify integer
3. Add integer to end
4. Remove integer by index
Print array
6. Exit
Choose option (1-6): 2
Enter index and new value: 5
43
Modified! Old value: 6, New value: 43
  == Array Operations ===
1. Find integer

    Modify integer
    Add integer to end

    Remove integer by index

5. Print array
6. Exit
Choose option (1-6):
```

Array successfully modifies value 6 as new value 43.

```
©:\ C:\Users\abdul\source\repos\ X + \ \
   Find integer
2. Modify integer
3. Add integer to end
4. Remove integer by index
5. Print array
6. Exit
Choose option (1–6): 2
Enter index and new value: 5
43
Modified! Old value: 6, New value: 43
  == Array Operations ===
 . Find integer
  Modify integer
  Add integer to end
Remove integer by index
  Print array
6. Exit
Choose option (1–6): 1
Enter number to find: 43
Found at index: 5
=== Array Operations ===
1. Find integer
  Modify integer
   Add integer to end
   Remove integer by index
   Print array
6. Exit
Choose option (1–6):
```

Array successfully finds modified value at the correct index.

```
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=== Array Operations === 1. Find integer
2. Modify integer
3. Add integer to end
4. Remove integer by index
5. Print array
6. Exit
Choose option (1-6): 4
Enter index to remove: 35
Removed successfully! New size: 99

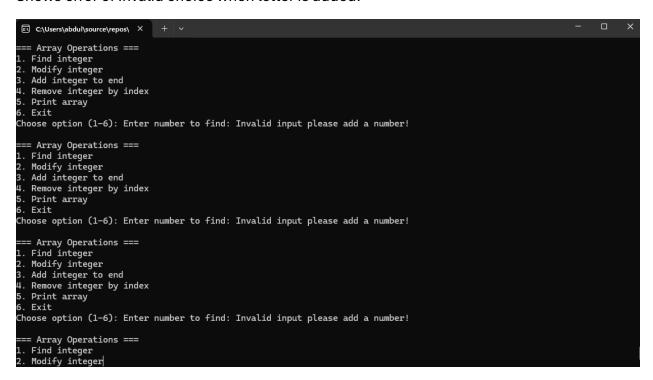
=== Array Operations === 1. Find integer
2. Modify integer
3. Add integer to end
4. Remove integer by index
5. Print array
6. Exit
Choose option (1-6): |
```

Successfully removes index 35, with new size being 99.

Successfully adds back 35, with size reverting to 100.

```
©:\Users\abdul\source\repos\ × + \ \
  Fxit
Choose option (1-6): Invalid choice!
  == Array Operations ===
  Find integer
  Modify integer
Add integer to end
  Remove integer by index
  Print array
  Exit
Choose option (1-6): Invalid choice!
  = Array Operations ===
1. Find integer
  Modify integer
Add integer to end
  Remove integer by index
  Print array
  Exit
Choose option (1-6): Invalid choice!
 == Array Operations ===
. Find integer
  Modify integer
Add integer to end
  Remove integer by index
  Print array
Choose option (1-6): Invalid choice!
```

Shows error of Invalid choice when letter is added.



Shows error of Invalid input please add a number after choosing 1-6 then inputting invalid input.