

```
C:\Users\abdu\source\repos\ x + v

=== 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): |
```

Array prints successfully.

```
C:\Users\abdu\source\repos\ x + v

=== 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): 1
Enter number to find: 5
Found at index: 4

=== 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): |
```

Array successfully finds integer 5 at index 4.

```
C:\Users\abdu\source\repos\ x + v
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): 1
Enter number to find: 5
Found at index: 4

=== 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): 2
Enter index and new value: 5
43
Modified! Old value: 6, New value: 43

=== 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): |
```

Array successfully modifies value 6 as new value 43.

```
C:\Users\abdu\source\repos\ x + v
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): 2
Enter index and new value: 5
43
Modified! Old value: 6, New value: 43

=== 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): 1
Enter number to find: 43
Found at index: 5

=== 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): |
```

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.

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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): 3
Enter number to add: 35
Added successfully! New size: 100

=== 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 adds back 35, with size reverting to 100.

```
C:\Users\abdu\source\repos\ X + v
6. Exit
Choose option (1-6): Invalid choice!

=== 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): Invalid choice!

=== 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): Invalid choice!

=== 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): Invalid choice!
```

Shows error of Invalid choice when letter is added.

```
C:\Users\abdu\source\repos\ X + v
=== 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): Enter number to find: Invalid input please add a number!

=== 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): Enter number to find: Invalid input please add a number!

=== 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): Enter number to find: Invalid input please add a number!

=== Array Operations ===
1. Find integer
2. Modify integer
```

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