

## Credit Name:

CSE 2120 Data Structures 1

## Assignment Name:

SelectionSort (Chapter 9.)

## Error Log

What error message did you encounter (if any)?

No error, just unclosed scanner

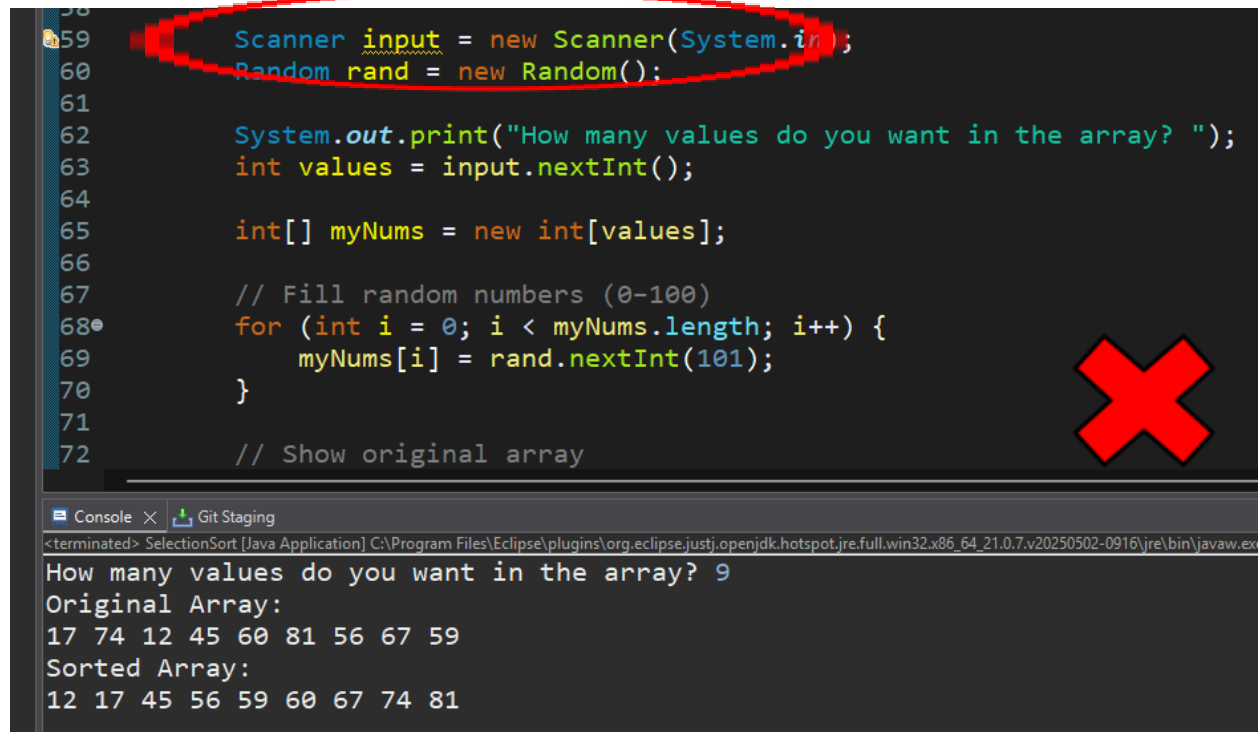
What unexpected behavior did your program exhibit?

It ran, but underlined "input"

What caused the issue?

Unclosed scanner input

Include a screenshot of specific lines of code.



```
58
59 Scanner input = new Scanner(System.in);
60 Random rand = new Random();
61
62 System.out.print("How many values do you want in the array? ");
63 int values = input.nextInt();
64
65 int[] myNums = new int[values];
66
67 // Fill random numbers (0-100)
68 for (int i = 0; i < myNums.length; i++) {
69     myNums[i] = rand.nextInt(101);
70 }
71
72 // Show original array
```

Console X Git Staging

<terminated> SelectionSort [Java Application] C:\Program Files\Eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.7.v20250502-0916\jre\bin\javaw.exe

How many values do you want in the array? 9

Original Array:

17 74 12 45 60 81 56 67 59


Sorted Array:

12 17 45 56 59 60 67 74 81

How did you fix the issue?

Closed the scanner input

```
60 Scanner input = new Scanner(System.in);
61 Random rand = new Random();
62
63 System.out.print("How many values do you want in the array? ");
64 int values = input.nextInt();
65
66 int[] myNums = new int[values];
67
68 // Fill random numbers (0-100)
69 for (int i = 0; i < myNums.length; i++) {
70     myNums[i] = rand.nextInt(101);
71 }
72
73 // Show original array
74 System.out.println("Original Array:");
75 for (int n : myNums) {
76     System.out.print(n + " ");
77 }
78 System.out.println();
79
80 // Create object and display sorted array
81 SelectionSort sortedArray = new SelectionSort(myNums);
82 sortedArray.display();
83 input.close();
84 }
```



Console × Git Staging

<terminated> SelectionSort [Java Application] C:\Program Files\Eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.7.v20250502-0916\jre\bin\javaw.exe

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