

Lab 4

Write a program, which reads three integer numbers from the user, the program then sorts and displays the three numbers in increasing order.

Here are some sample program runs:

```
Enter three integer numbers:
21 14 12
Sorted numbers: 12 14 21
```

```
Enter three integer numbers:
34
14
88
Sorted numbers: 14 34 88
```

```
Enter three integer numbers: 6 9 20
Sorted numbers: 6 9 20
```

For this Lab, you should create a class with two methods:

1. `public static void displaySortedNumbers`
`(int num1, int num2, int num3)`
This method sorts and displays the three numbers on the screen from the smallest to the largest.
2. `public static void main (String[] args)`
The main method asks the user to enter three integer numbers, then reads the numbers from the user and invokes the `displaySortedNumbers` method to sort and display the sorted numbers.

Marking Scheme

- [8] Program works without any bugs.
A class with two methods.
- [2] Appropriate style (class name, variable names, indentation, etc.)