**Assignment 5**

**Rasika Mohod**

rmohod@gmu.edu

G01044774

Code compiled successfully

**Test Case 1:**

**Output:**

Please enter a random integer : 5

Please enter a random integer : 8

Please enter a random integer : 0

Please enter a random integer : 6

Please enter a random integer : 2

Please enter a random integer : 3

Please enter a random integer : 4

Please enter a random integer : 1

Values in order = 0 1 2 3 4 5 6 8

**Test Case 2:**

**Output:**

Please enter a random integer : -5

Please enter a random integer : 3

Please enter a random integer : 4

Please enter a random integer : 6

Please enter a random integer : -2

Please enter a random integer : 1

Please enter a random integer : 4

Please enter a random integer : 0

Values in order = -5 -2 0 1 3 4 6 8

**Test Case 3:**

**Output:**

Please enter a random integer : 1.2

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException

3

Please enter a random integer : 5.4

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException

6

Please enter a random integer : 4

Please enter a random integer : 6

Please enter a random integer : 2

Please enter a random integer : 4

Values in order = 2 3 4 6 8

**Test Case 4: Input: All integers inserted same**

**Output:**

Please enter a random integer : 1

Please enter a random integer : 1

Please enter a random integer : 1

Please enter a random integer : 1

Please enter a random integer : 1

Please enter a random integer : 1

Please enter a random integer : 1

Please enter a random integer : 1

Values in order = 1 8

**Test Case 5:**

**Output:**

Please enter a random integer : null

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException

4

Please enter a random integer : wefqkjwfijf

Exception: You must enter integers. Please try again.

java.util.InputMismatchException

Please enter a random integer : 6

Please enter a random integer : 34

Please enter a random integer : 4334543646576

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException: For input string: "4334543646576"

56

Please enter a random integer : 32

Values in order = 4 6 8 32 34 56

**Test Case 6:**

**Output:**

Please enter a random integer : 22222

Please enter a random integer : 2222222

Please enter a random integer : 222222222

Please enter a random integer : 222222222222

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException: For input string: "222222222222"

2222222222

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException: For input string: "2222222222"

22222222

Please enter a random integer : 44

Please enter a random integer : 43

Values in order = 8 43 44 22222 2222222 22222222 222222222

**Test Case 7:**

**Output:**

Please enter a random integer : 2

Please enter a random integer : -5

Please enter a random integer : -5

Please enter a random integer : 4

Please enter a random integer : 7

Please enter a random integer : 3

Please enter a random integer : 1

Please enter a random integer : 2

Values in order = -5 1 2 3 4 7 8

**Test Case 8:**

**Output:**

Please enter a random integer : null

Exception: You must enter integers. Please try again.

Please enter a random integer : java.util.InputMismatchException

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Exception: java.util.InputMismatchException

You must enter integers. Please try again.

Please enter a random integer : 67

Please enter a random integer : 8

Please enter a random integer : 9

Please enter a random integer : 0

Please enter a random integer : 67

Please enter a random integer : 8

Values in order = 0 8 9 67