**The test cases used for the problems:**

**Problem 1:**

Test cases: Cents should be positive integer (32-bit integer)

Any positive integer:

83

90

1000

0

98976777

For negative integer:

Program exits.

**Problem 2:**

Test case 1: **3 8 8 55 38 1 7 42 54 53**

Test case 2: **10 9 8 7 6 5 4 3 2 1 (Decreasing order)**

Test case 3: **0 6 -3 7 -2 3 5 6 4 5**