Execution Chart:

1.0 Main()

2.0 initializeVector(*input* numbers as vector of integers) // populate the vector with VECTOR_SIZE number of random integers of value between 1 and 100

2.1 sortVector(*input* numbers as vector of integers) // use the vector and algorithm library to sort this vector database

2.2 displayVector(*input* numbers as vector of integers) // display the vector contents by iterating through the vector

2.3 reverseVector(*input* numbers as vector of integers) // use the vector and algorithm library to reverse this vector database

2.4 removeLowest(*input* numbers as vector of integers) // remove the number with the least value

2.5 displayResults(*input* double value) // display the calculated average of the values

2.6 *return* double calculateAverage(*input* numbers as vector of integers) // calculate the average of the contents of the vector.

Test Evidence:

```
15 21 23 34 36 54 74 85 85 88
88 85 85 74 54 36 34 23 21 15
88 85 85 74 54 36 34 23 21
The average is 55.56
Program ended with exit code: 0
```