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Tasks Console X
<terminated> StatsLibraryDriver [Java Application] C:\Users\coco5\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win

Testing the Mean method
[3, 6, 7, 11, 41, 52, 67, 71, 76]
mean is 37.111

Testing the Median method
[10, 14, 16, 21, 38, 40, 59, 92, 98]
38.0

Testing the Mode method
[1, 20, 34, 36, 59, 87, 90, 93, 98]
All elements appeared the same number of times
The mode of [2, 3, 4, 5, 5] is: 5

Standard deviation of [46, 69, 32, 60, 52, 41]
is 13.312

Union of [1, 2, 3, 4, 5, 6] And [4, 5, 6, 7, 8, 9] is [1, 2, 3, 4, 5, 6, 7, 8, 9]
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Intersection of [1, 2, 3, 4, 5, 6] And [4, 5, 6, 7, 8, 9] is [4, 5, 6]

The complement of subset A: [1, 2, 3, 4, 5, 6] from the set S: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10] is
[7, 8, 9, 10]

Factorial of 12 is: 479001600

Permutation of 8 and 6 (8P6) is: 20160

Combination of 52 and 2 (52C2) is: 1326

Testing Binomial Distribution method
p = 80 percent of success, trials = 10, successes = 7
result: 20.13266

Testing Geometric Distribution method
p = 80 percent of success, trials = 10
The geometric distribution is: 0.0000004096
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