Lab #34

Programming and Algorithms

1. Take the existing stats-test.py program and amend it as follow:
   1. Extend the test\_mean method by adding two more tests, by appending the number “3” to the list, and testing that, and then adding the number “2” and testing that.
   2. Extend the test\_median method by adding one more tests, by appending the number “3” to the list, and testing that.
   3. Extend the test\_mode method by adding one more tests, by appending the number “3” to the list, and testing that.
2. Add a new method to the existing stats.py program called smallest, that gets the smallest number in the list. Now add to the existing stats-test.py programa new method test\_smallest method that tests if the smallest number is “1”.

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| e-mail me a completed solution to the above program in a Word document, and include Labs #25-33 in this document also.  e-mail to [Damian.Gordon@dit.ie](mailto:Damian.Gordon@dit.ie) with subject heading “DT255 PaA Lab #25-34” |