

Faculty of Computers and Information - Mansoura University

Probability and Statistics

Project Assignment

First Level - Second Semester: 2022-2023

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Project Assignment #1

Write a C# program for the following project (Only two students can work together as a team)

Input: n : number of items.

A_i : the items values (Not sorted) from $i=1$ to n

Output: The median of the values A_i .

The mode of the values A_i .

The range of the values A_i .

The first Quartile of the values A_i .

The third Quartile of the values A_i .

The P_{90} of the values A_i .

The interquartile of the values A_i .

The boundaries of the outlier region.

Determine whether an input value is an outlier or not.