**Assignment 4**

**Submission Deadline: 1 January 2021**

A= sum of all digits in your UMT ID

B= last 2 digits of your UMT ID.

Compute C=Min(A,B) and D=Max(A,B).

### If your ID is F2016067013 than A=2+0+1+6+0+6+7+0+1+3=26 and B=13 so C=13 and D=26

### If your ID is F2016067042 than A=2+0+1+6+0+6+7+0+4+2=28 and B=42 so C=28 and D=42

**Q1:** Take any 11 different numbers (From 1st assignment) between C-2 and D+2.

Find mean deviation with respect to median, Standard deviation, , skewness and kurtosis by all formulas.

**Q2:**

|  |  |
| --- | --- |
| *x* | *f* |
| 1 | D-C+5 |
| 2 | D-C+11 |
| 3 | D-C+13 |
| 4 | D-C+9 |
| 5 | D-C+12 |
| 6 | D-C+8 |

Find mean deviation with respect to mean, Standard deviation, , skewness and kurtosis by all formulas.