

Test case 1: 1 Students

Stud	Q1	Q2	Q3	Q4	Q5
1234	34	23	45	55	67

High Score		34	23	45	55	67
Low Score		34	23	45	55	67
Average	34.0	23.0	45.0	55.0	67.0	

Test case 2: 10 Students

Stud	Q1	Q2	Q3	Q4	Q5
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
5434	55	67	34	13	34
5635	32	44	66	77	21
2345	44	62	41	32	45
5544	45	34	23	12	45
4422	34	55	45	34	23

High Score		65	67	76	77	67
Low Score		32	23	23	12	11
Average	42.9	50.6	46.3	43.1	35.5	

Test case 3: 40 Students

Stud	Q1	Q2	Q3	Q4	Q5
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67

3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23

High Score	65	67	76	66	67
Low Score	32	23	34	23	11
Average	43.8	48.8	50.8	52.6	37.4

Test case 4: 41 Students

Custom Exception: There are more then 40 students.The rest of the records are ignored.

Stud	Q1	Q2	Q3	Q4	Q5
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23

1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	23	45	55	67
3456	54	65	76	54	43
5678	65	66	34	23	11
7854	32	23	43	66	43
1234	34	67	56	65	23
1234	34	67	56	65	23

High Score	65	67	76	66	67
Low Score	32	23	34	23	11
Average	43.8	48.8	50.8	52.6	37.4