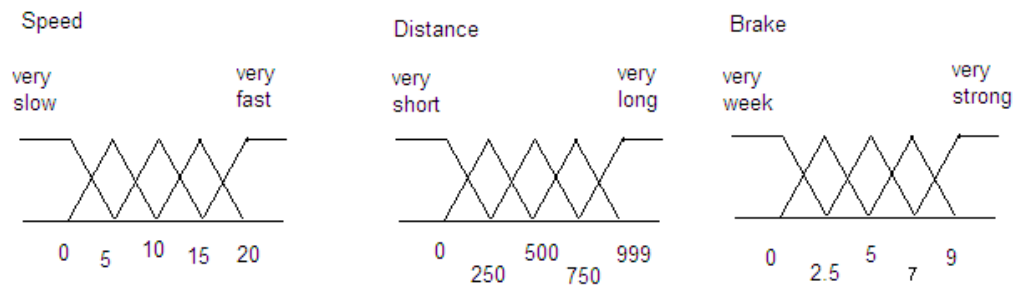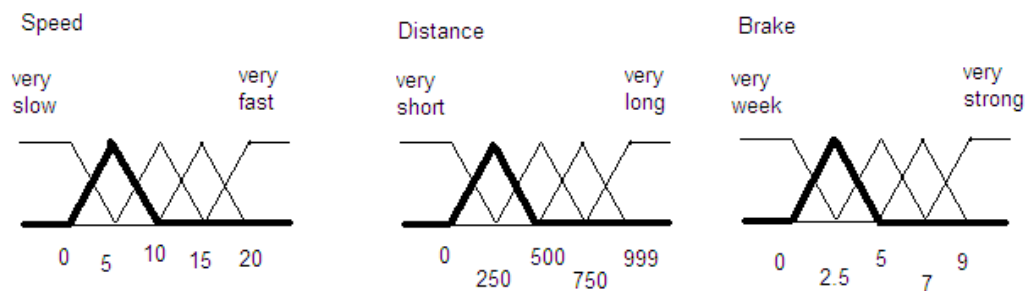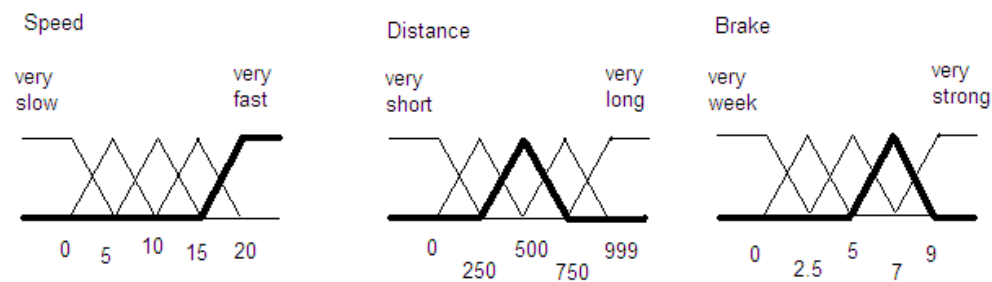1)Graphics of speed, distance and brake.
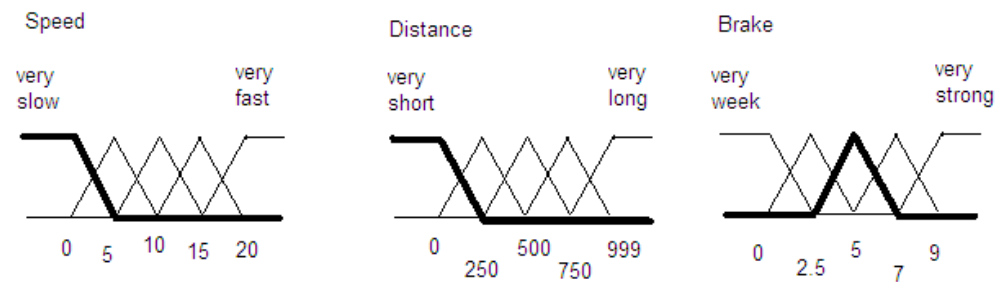

2) 3 rules.
2.1) IF speed is slow AND distance is short THEN brake is week

2.2) IF speed is very fast AND distance is medium THEN brake is strong

2.3) IF speed is very slow AND distance is very short THEN brake is medium

3)Big table of values speed, distance, brake and μ(membership function) for 3 rules.
Start of table.

V	m(v)	X	m(x)	A	m(A)	m(1)	V	m(v)	X	m(x)	A	m(A)	m(2)	V	m(v)	X	m(x)	A	m(A)	m(3)	m(result)
0	0.0	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0.0	0.0	0	1.0	0	1.0	0	0.0	0.0	0.0
0	0.0	0	0.0	1	0.4	0.0	0	0.0	0	0.0	1	0.0	0.0	0	1.0	0	1.0	1	0.0	0.0	0.0
0	0.0	0	0.0	2	0.8	0.0	0	0.0	0	0.0	2	0.0	0.0	0	1.0	0	1.0	2	0.0	0.0	0.0
0	0.0	0	0.0	3	0.8	0.0	0	0.0	0	0.0	3	0.0	0.0	0	1.0	0	1.0	3	0.2	0.2	0.2
0	0.0	0	0.0	4	0.4	0.0	0	0.0	0	0.0	4	0.0	0.0	0	1.0	0	1.0	4	0.6	0.6	0.6
0	0.0	0	0.0	5	0.0	0.0	0	0.0	0	0.0	5	0.0	0.0	0	1.0	0	1.0	5	1.0	1.0	1.0
0	0.0	0	0.0	6	0.0	0.0	0	0.0	0	0.0	6	0.5	0.0	0	1.0	0	1.0	6	0.6	0.6	0.6
0	0.0	0	0.0	7	0.0	0.0	0	0.0	0	0.0	7	1.0	0.0	0	1.0	0	1.0	7	0.2	0.2	0.2
0	0.0	0	0.0	8	0.0	0.0	0	0.0	0	0.0	8	0.5	0.0	0	1.0	0	1.0	8	0.0	0.0	0.0
0	0.0	0	0.0	9	0.0	0.0	0	0.0	0	0.0	9	0.0	0.0	0	1.0	0	1.0	9	0.0	0.0	0.0
0	0.0	50	0.2	0	0.0	0.0	0	0.0	50	0.0	0	0.0	0.0	0	1.0	50	0.8	0	0.0	0.0	0.0
0	0.0	50	0.2	1	0.4	0.0	0	0.0	50	0.0	1	0.0	0.0	0	1.0	50	0.8	1	0.0	0.0	0.0
0	0.0	50	0.2	2	0.8	0.0	0	0.0	50	0.0	2	0.0	0.0	0	1.0	50	0.8	2	0.0	0.0	0.0
0	0.0	50	0.2	3	0.8	0.0	0	0.0	50	0.0	3	0.0	0.0	0	1.0	50	0.8	3	0.2	0.2	0.2
0	0.0	50	0.2	4	0.4	0.0	0	0.0	50	0.0	4	0.0	0.0	0	1.0	50	0.8	4	0.6	0.5	0.5
0	0.0	50	0.2	5	0.0	0.0	0	0.0	50	0.0	5	0.0	0.0	0	1.0	50	0.8	5	1.0	0.8	0.8
0	0.0	50	0.2	6	0.0	0.0	0	0.0	50	0.0	6	0.5	0.0	0	1.0	50	0.8	6	0.6	0.5	0.5
0	0.0	50	0.2	7	0.0	0.0	0	0.0	50	0.0	7	1.0	0.0	0	1.0	50	0.8	7	0.2	0.2	0.2
0	0.0	50	0.2	8	0.0	0.0	0	0.0	50	0.0	8	0.5	0.0	0	1.0	50	0.8	8	0.0	0.0	0.0
0	0.0	50	0.2	9	0.0	0.0	0	0.0	50	0.0	9	0.0	0.0	0	1.0	50	0.8	9	0.0	0.0	0.0
0	0.0	100	0.4	0	0.0	0.0	0	0.0	100	0.0	0	0.0	0.0	0	1.0	100	0.6	0	0.0	0.0	0.0
0	0.0	100	0.4	1	0.4	0.0	0	0.0	100	0.0	1	0.0	0.0	0	1.0	100	0.6	1	0.0	0.0	0.0
0	0.0	100	0.4	2	0.8	0.0	0	0.0	100	0.0	2	0.0	0.0	0	1.0	100	0.6	2	0.0	0.0	0.0
0	0.0	100	0.4	3	0.8	0.0	0	0.0	100	0.0	3	0.0	0.0	0	1.0	100	0.6	3	0.2	0.1	0.1
0	0.0	100	0.4	4	0.4	0.0	0	0.0	100	0.0	4	0.0	0.0	0	1.0	100	0.6	4	0.6	0.4	0.4
0	0.0	100	0.4	5	0.0	0.0	0	0.0	100	0.0	5	0.0	0.0	0	1.0	100	0.6	5	1.0	0.6	0.6
0	0.0	100	0.4	6	0.0	0.0	0	0.0	100	0.0	6	0.5	0.0	0	1.0	100	0.6	6	0.6	0.4	0.4
0	0.0	100	0.4	7	0.0	0.0	0	0.0	100	0.0	7	1.0	0.0	0	1.0	100	0.6	7	0.2	0.1	0.1
0	0.0	100	0.4	8	0.0	0.0	0	0.0	100	0.0	8	0.5	0.0	0	1.0	100	0.6	8	0.0	0.0	0.0
0	0.0	100	0.4	9	0.0	0.0	0	0.0	100	0.0	9	0.0	0.0	0	1.0	100	0.6	9	0.0	0.0	0.0
0	0.0	150	0.6	0	0.0	0.0	0	0.0	150	0.0	0	0.0	0.0	0	1.0	150	0.4	0	0.0	0.0	0.0
0	0.0	150	0.6	1	0.4	0.0	0	0.0	150	0.0	1	0.0	0.0	0	1.0	150	0.4	1	0.0	0.0	0.0
0	0.0	150	0.6	2	0.8	0.0	0	0.0	150	0.0	2	0.0	0.0	0	1.0	150	0.4	2	0.0	0.0	0.0
0	0.0	150	0.6	3	0.8	0.0	0	0.0	150	0.0	3	0.0	0.0	0	1.0	150	0.4	3	0.2	0.1	0.1
0	0.0	150	0.6	4	0.4	0.0	0	0.0	150	0.0	4	0.0	0.0	0	1.0	150	0.4	4	0.6	0.2	0.2
0	0.0	150	0.6	5	0.0	0.0	0	0.0	150	0.0	5	0.0	0.0	0	1.0	150	0.4	5	1.0	0.4	0.4
0	0.0	150	0.6	6	0.0	0.0	0	0.0	150	0.0	6	0.5	0.0	0	1.0	150	0.4	6	0.6	0.2	0.2
0	0.0	150	0.6	7	0.0	0.0	0	0.0	150	0.0	7	1.0	0.0	0	1.0	150	0.4	7	0.2	0.1	0.1
0	0.0	150	0.6	8	0.0	0.0	0	0.0	150	0.0	8	0.5	0.0	0	1.0	150	0.4	8	0.0	0.0	0.0
0	0.0	150	0.6	9	0.0	0.0	0	0.0	150	0.0	9	0.0	0.0	0	1.0	150	0.4	9	0.0	0.0	0.0
0	0.0	200	0.8	0	0.0	0.0	0	0.0	200	0.0	0	0.0	0.0	0	1.0	200	0.2	0	0.0	0.0	0.0
0	0.0	200	0.8	1	0.4	0.0	0	0.0	200	0.0	1	0.0	0.0	0	1.0	200	0.2	1	0.0	0.0	0.0
0	0.0	200	0.8	2	0.8	0.0	0	0.0	200	0.0	2	0.0	0.0	0	1.0	200	0.2	2	0.0	0.0	0.0
0	0.0	200	0.8	3	0.8	0.0	0	0.0	200	0.0	3	0.0	0.0	0	1.0	200	0.2	3	0.2	0.0	0.0
0	0.0	200	0.8	4	0.4	0.0	0	0.0	200	0.0	4	0.0	0.0	0	1.0	200	0.2	4	0.6	0.1	0.1
0	0.0	200	0.8	5	0.0	0.0	0	0.0	200	0.0	5	0.0	0.0	0	1.0	200	0.2	5	1.0	0.2	0.2
0	0.0	200	0.8	6	0.0	0.0	0	0.0	200	0.0	6	0.5	0.0	0	1.0	200	0.2	6	0.6	0.1	0.1
0	0.0	200	0.8	7	0.0	0.0	0	0.0	200	0.0	7	1.0	0.0	0	1.0	200	0.2	7	0.2	0.0	0.0
0	0.0	200	0.8	8	0.0	0.0	0	0.0	200	0.0	8	0.5	0.0	0	1.0	200	0.2	8	0.0	0.0	0.0
0	0.0	200	0.8	9	0.0	0.0	0	0.0	200	0.0	9	0.0	0.0	0	1.0	200	0.2	9	0.0	0.0	0.0

Medium of table.

V	m(v)	X	m(x)	A	m(A)	m(1)	V	m(v)	X	m(x)	A	m(A)	m(2)	V	m(v)	X	m(x)	A	m(A)	m(3)	m(result)
10	0.0	0	0.0	0	0.0	0.0	10	0.0	0	0.0	0	0.0	0.0	10	0.0	0	1.0	0	0.0	0.0	0.0
10	0.0	0	0.0	1	0.4	0.0	10	0.0	0	0.0	1	0.0	0.0	10	0.0	0	1.0	1	0.0	0.0	0.0
10	0.0	0	0.0	2	0.8	0.0	10	0.0	0	0.0	2	0.0	0.0	10	0.0	0	1.0	2	0.0	0.0	0.0
10	0.0	0	0.0	3	0.8	0.0	10	0.0	0	0.0	3	0.0	0.0	10	0.0	0	1.0	3	0.2	0.0	0.0
10	0.0	0	0.0	4	0.4	0.0	10	0.0	0	0.0	4	0.0	0.0	10	0.0	0	1.0	4	0.6	0.0	0.0
10	0.0	0	0.0	5	0.0	0.0	10	0.0	0	0.0	5	0.0	0.0	10	0.0	0	1.0	5	1.0	0.0	0.0
10	0.0	0	0.0	6	0.0	0.0	10	0.0	0	0.0	6	0.5	0.0	10	0.0	0	1.0	6	0.6	0.0	0.0
10	0.0	0	0.0	7	0.0	0.0	10	0.0	0	0.0	7	1.0	0.0	10	0.0	0	1.0	7	0.2	0.0	0.0
10	0.0	0	0.0	8	0.0	0.0	10	0.0	0	0.0	8	0.5	0.0	10	0.0	0	1.0	8	0.0	0.0	0.0
10	0.0	0	0.0	9	0.0	0.0	10	0.0	0	0.0	9	0.0	0.0	10	0.0	0	1.0	9	0.0	0.0	0.0
10	0.0	50	0.2	0	0.0	0.0	10	0.0	50	0.0	0	0.0	0.0	10	0.0	50	0.8	0	0.0	0.0	0.0
10	0.0	50	0.2	1	0.4	0.0	10	0.0	50	0.0	1	0.0	0.0	10	0.0	50	0.8	1	0.0	0.0	0.0
10	0.0	50	0.2	2	0.8	0.0	10	0.0	50	0.0	2	0.0	0.0	10	0.0	50	0.8	2	0.0	0.0	0.0
10	0.0	50	0.2	3	0.8	0.0	10	0.0	50	0.0	3	0.0	0.0	10	0.0	50	0.8	3	0.2	0.0	0.0
10	0.0	50	0.2	4	0.4	0.0	10	0.0	50	0.0	4	0.0	0.0	10	0.0	50	0.8	4	0.6	0.0	0.0
10	0.0	50	0.2	5	0.0	0.0	10	0.0	50	0.0	5	0.0	0.0	10	0.0	50	0.8	5	1.0	0.0	0.0
10	0.0	50	0.2	6	0.0	0.0	10	0.0	50	0.0	6	0.5	0.0	10	0.0	50	0.8	6	0.6	0.0	0.0
10	0.0	50	0.2	7	0.0	0.0	10	0.0	50	0.0	7	1.0	0.0	10	0.0	50	0.8	7	0.2	0.0	0.0
10	0.0	50	0.2	8	0.0	0.0	10	0.0	50	0.0	8	0.5	0.0	10	0.0	50	0.8	8	0.0	0.0	0.0
10	0.0	50	0.2	9	0.0	0.0	10	0.0	50	0.0	9	0.0	0.0	10	0.0	50	0.8	9	0.0	0.0	0.0
10	0.0	100	0.4	0	0.0	0.0	10	0.0	100	0.0	0	0.0	0.0	10	0.0	100	0.6	0	0.0	0.0	0.0
10	0.0	100	0.4	1	0.4	0.0	10	0.0	100	0.0	1	0.0	0.0	10	0.0	100	0.6	1	0.0	0.0	0.0
10	0.0	100	0.4	2	0.8	0.0	10	0.0	100	0.0	2	0.0	0.0	10	0.0	100	0.6	2	0.0	0.0	0.0
10	0.0	100	0.4	3	0.8	0.0	10	0.0	100	0.0	3	0.0	0.0	10	0.0	100	0.6	3	0.2	0.0	0.0
10	0.0	100	0.4	4	0.4	0.0	10	0.0	100	0.0	4	0.0	0.0	10	0.0	100	0.6	4	0.6	0.0	0.0
10	0.0	100	0.4	5	0.0	0.0	10	0.0	100	0.0	5	0.0	0.0	10	0.0	100	0.6	5	1.0	0.0	0.0
10	0.0	100	0.4	6	0.0	0.0	10	0.0	100	0.0	6	0.5	0.0	10	0.0	100	0.6	6	0.6	0.0	0.0
10	0.0	100	0.4	7	0.0	0.0	10	0.0	100	0.0	7	1.0	0.0	10	0.0	100	0.6	7	0.2	0.0	0.0
10	0.0	100	0.4	8	0.0	0.0	10	0.0	100	0.0	8	0.5	0.0	10	0.0	100	0.6	8	0.0	0.0	0.0
10	0.0	100	0.4	9	0.0	0.0	10	0.0	100	0.0	9	0.0	0.0	10	0.0	100	0.6	9	0.0	0.0	0.0
10	0.0	150	0.6	0	0.0	0.0	10	0.0	150	0.0	0	0.0	0.0	10	0.0	150	0.4	0	0.0	0.0	0.0
10	0.0	150	0.6	1	0.4	0.0	10	0.0	150	0.0	1	0.0	0.0	10	0.0	150	0.4	1	0.0	0.0	0.0
10	0.0	150	0.6	2	0.8	0.0	10	0.0	150	0.0	2	0.0	0.0	10	0.0	150	0.4	2	0.0	0.0	0.0
10	0.0	150	0.6	3	0.8	0.0	10	0.0	150	0.0	3	0.0	0.0	10	0.0	150	0.4	3	0.2	0.0	0.0
10	0.0	150	0.6	4	0.4	0.0	10	0.0	150	0.0	4	0.0	0.0	10	0.0	150	0.4	4	0.6	0.0	0.0
10	0.0	150	0.6	5	0.0	0.0	10	0.0	150	0.0	5	0.0	0.0	10	0.0	150	0.4	5	1.0	0.0	0.0
10	0.0	150	0.6	6	0.0	0.0	10	0.0	150	0.0	6	0.5	0.0	10	0.0	150	0.4	6	0.6	0.0	0.0
10	0.0	150	0.6	7	0.0	0.0	10	0.0	150	0.0	7	1.0	0.0	10	0.0	150	0.4	7	0.2	0.0	0.0
10	0.0	150	0.6	8	0.0	0.0	10	0.0	150	0.0	8	0.5	0.0	10	0.0	150	0.4	8	0.0	0.0	0.0
10	0.0	150	0.6	9	0.0	0.0	10	0.0	150	0.0	9	0.0	0.0	10	0.0	150	0.4	9	0.0	0.0	0.0
10	0.0	200	0.8	0	0.0	0.0	10	0.0	200	0.0	0	0.0	0.0	10	0.0	200	0.2	0	0.0	0.0	0.0
10	0.0	200	0.8	1	0.4	0.0	10	0.0	200	0.0	1	0.0	0.0	10	0.0	200	0.2	1	0.0	0.0	0.0
10	0.0	200	0.8	2	0.8	0.0	10	0.0	200	0.0	2	0.0	0.0	10	0.0	200	0.2	2	0.0	0.0	0.0
10	0.0	200	0.8	3	0.8	0.0	10	0.0	200	0.0	3	0.0	0.0	10	0.0	200	0.2	3	0.2	0.0	0.0
10	0.0	200	0.8	4	0.4	0.0	10	0.0	200	0.0	4	0.0	0.0	10	0.0	200	0.2	4	0.6	0.0	0.0
10	0.0	200	0.8	5	0.0	0.0	10	0.0	200	0.0	5	0.0	0.0	10	0.0	200	0.2	5	1.0	0.0	0.0
10	0.0	200	0.8	6	0.0	0.0	10	0.0	200	0.0	6	0.5	0.0	10	0.0	200	0.2	6	0.6	0.0	0.0
10	0.0	200	0.8	7	0.0	0.0	10	0.0	200	0.0	7	1.0	0.0	10	0.0	200	0.2	7	0.2	0.0	0.0
10	0.0	200	0.8	8	0.0	0.0	10	0.0	200	0.0	8	0.5	0.0	10	0.0	200	0.2	8	0.0	0.0	0.0
10	0.0	200	0.8	9	0.0	0.0	10	0.0	200	0.0	9	0.0	0.0	10	0.0	200	0.2	9	0.0	0.0	0.0
10	0.0	250	1.0	0	0.0	0.0	10	0.0	250	0.0	0	0.0	0.0	10	0.0	250	0.0	0	0.0	0.0	0.0
10	0.0	250	1.0	1	0.4	0.0	10	0.0	250	0.0	1	0.0	0.0	10	0.0	250	0.0	1	0.0	0.0	0.0

End of table
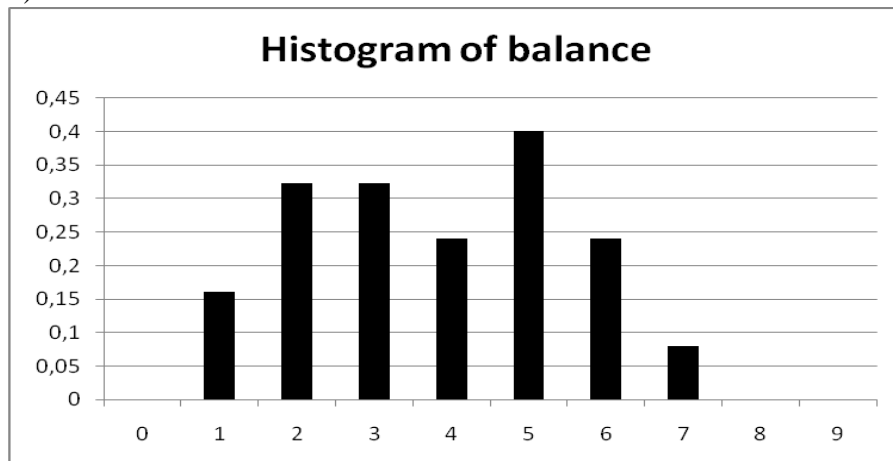
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19  0.0   750  0.0   9  0.0  |0.0|   19  0.8   750  0.0   9  0.0  |0.0|   19  0.0   750  0.0   9  0.0  |0.0|   0.0
19  0.0   800  0.0   0  0.0  |0.0|   19  0.8   800  0.0   0  0.0  |0.0|   19  0.0   800  0.0   0  0.0  |0.0|   0.0
19  0.0   800  0.0   1  0.4  |0.0|   19  0.8   800  0.0   1  0.0  |0.0|   19  0.0   800  0.0   1  0.0  |0.0|   0.0
19  0.0   800  0.0   2  0.8  |0.0|   19  0.8   800  0.0   2  0.0  |0.0|   19  0.0   800  0.0   2  0.0  |0.0|   0.0
19  0.0   800  0.0   3  0.8  |0.0|   19  0.8   800  0.0   3  0.0  |0.0|   19  0.0   800  0.0   3  0.2  |0.0|   0.0
19  0.0   800  0.0   4  0.4  |0.0|   19  0.8   800  0.0   4  0.0  |0.0|   19  0.0   800  0.0   4  0.6  |0.0|   0.0
19  0.0   800  0.0   5  0.0  |0.0|   19  0.8   800  0.0   5  0.0  |0.0|   19  0.0   800  0.0   5  1.0  |0.0|   0.0
19  0.0   800  0.0   6  0.0  |0.0|   19  0.8   800  0.0   6  0.5  |0.0|   19  0.0   800  0.0   6  0.6  |0.0|   0.0
19  0.0   800  0.0   7  0.0  |0.0|   19  0.8   800  0.0   7  1.0  |0.0|   19  0.0   800  0.0   7  0.2  |0.0|   0.0
19  0.0   800  0.0   8  0.0  |0.0|   19  0.8   800  0.0   8  0.5  |0.0|   19  0.0   800  0.0   8  0.0  |0.0|   0.0
19  0.0   800  0.0   9  0.0  |0.0|   19  0.8   800  0.0   9  0.0  |0.0|   19  0.0   800  0.0   9  0.0  |0.0|   0.0
19  0.0   850  0.0   0  0.0  |0.0|   19  0.8   850  0.0   0  0.0  |0.0|   19  0.0   850  0.0   0  0.0  |0.0|   0.0
19  0.0   850  0.0   1  0.4  |0.0|   19  0.8   850  0.0   1  0.0  |0.0|   19  0.0   850  0.0   1  0.0  |0.0|   0.0
19  0.0   850  0.0   2  0.8  |0.0|   19  0.8   850  0.0   2  0.0  |0.0|   19  0.0   850  0.0   2  0.0  |0.0|   0.0
19  0.0   850  0.0   3  0.8  |0.0|   19  0.8   850  0.0   3  0.0  |0.0|   19  0.0   850  0.0   3  0.2  |0.0|   0.0
19  0.0   850  0.0   4  0.4  |0.0|   19  0.8   850  0.0   4  0.0  |0.0|   19  0.0   850  0.0   4  0.6  |0.0|   0.0
19  0.0   850  0.0   5  0.0  |0.0|   19  0.8   850  0.0   5  0.0  |0.0|   19  0.0   850  0.0   5  1.0  |0.0|   0.0
19  0.0   850  0.0   6  0.0  |0.0|   19  0.8   850  0.0   6  0.5  |0.0|   19  0.0   850  0.0   6  0.6  |0.0|   0.0
19  0.0   850  0.0   7  0.0  |0.0|   19  0.8   850  0.0   7  1.0  |0.0|   19  0.0   850  0.0   7  0.2  |0.0|   0.0
19  0.0   850  0.0   8  0.0  |0.0|   19  0.8   850  0.0   8  0.5  |0.0|   19  0.0   850  0.0   8  0.0  |0.0|   0.0
19  0.0   850  0.0   9  0.0  |0.0|   19  0.8   850  0.0   9  0.0  |0.0|   19  0.0   850  0.0   9  0.0  |0.0|   0.0
19  0.0   900  0.0   0  0.0  |0.0|   19  0.8   900  0.0   0  0.0  |0.0|   19  0.0   900  0.0   0  0.0  |0.0|   0.0
19  0.0   900  0.0   1  0.4  |0.0|   19  0.8   900  0.0   1  0.0  |0.0|   19  0.0   900  0.0   1  0.0  |0.0|   0.0
19  0.0   900  0.0   2  0.8  |0.0|   19  0.8   900  0.0   2  0.0  |0.0|   19  0.0   900  0.0   2  0.0  |0.0|   0.0
19  0.0   900  0.0   3  0.8  |0.0|   19  0.8   900  0.0   3  0.0  |0.0|   19  0.0   900  0.0   3  0.2  |0.0|   0.0
19  0.0   900  0.0   4  0.4  |0.0|   19  0.8   900  0.0   4  0.0  |0.0|   19  0.0   900  0.0   4  0.6  |0.0|   0.0
19  0.0   900  0.0   5  0.0  |0.0|   19  0.8   900  0.0   5  0.0  |0.0|   19  0.0   900  0.0   5  1.0  |0.0|   0.0
19  0.0   900  0.0   6  0.0  |0.0|   19  0.8   900  0.0   6  0.5  |0.0|   19  0.0   900  0.0   6  0.6  |0.0|   0.0
19  0.0   900  0.0   7  0.0  |0.0|   19  0.8   900  0.0   7  1.0  |0.0|   19  0.0   900  0.0   7  0.2  |0.0|   0.0
19  0.0   900  0.0   8  0.0  |0.0|   19  0.8   900  0.0   8  0.5  |0.0|   19  0.0   900  0.0   8  0.0  |0.0|   0.0
19  0.0   900  0.0   9  0.0  |0.0|   19  0.8   900  0.0   9  0.0  |0.0|   19  0.0   900  0.0   9  0.0  |0.0|   0.0
19  0.0   950  0.0   0  0.0  |0.0|   19  0.8   950  0.0   0  0.0  |0.0|   19  0.0   950  0.0   0  0.0  |0.0|   0.0
19  0.0   950  0.0   1  0.4  |0.0|   19  0.8   950  0.0   1  0.0  |0.0|   19  0.0   950  0.0   1  0.0  |0.0|   0.0
19  0.0   950  0.0   2  0.8  |0.0|   19  0.8   950  0.0   2  0.0  |0.0|   19  0.0   950  0.0   2  0.0  |0.0|   0.0
19  0.0   950  0.0   3  0.8  |0.0|   19  0.8   950  0.0   3  0.0  |0.0|   19  0.0   950  0.0   3  0.2  |0.0|   0.0
19  0.0   950  0.0   4  0.4  |0.0|   19  0.8   950  0.0   4  0.0  |0.0|   19  0.0   950  0.0   4  0.6  |0.0|   0.0
19  0.0   950  0.0   5  0.0  |0.0|   19  0.8   950  0.0   5  0.0  |0.0|   19  0.0   950  0.0   5  1.0  |0.0|   0.0
19  0.0   950  0.0   6  0.0  |0.0|   19  0.8   950  0.0   6  0.5  |0.0|   19  0.0   950  0.0   6  0.6  |0.0|   0.0
19  0.0   950  0.0   7  0.0  |0.0|   19  0.8   950  0.0   7  1.0  |0.0|   19  0.0   950  0.0   7  0.2  |0.0|   0.0
19  0.0   950  0.0   8  0.0  |0.0|   19  0.8   950  0.0   8  0.5  |0.0|   19  0.0   950  0.0   8  0.0  |0.0|   0.0
19  0.0   950  0.0   9  0.0  |0.0|   19  0.8   950  0.0   9  0.0  |0.0|   19  0.0   950  0.0   9  0.0  |0.0|   0.0
19  0.0  1000  0.0   0  0.0  |0.0|   19  0.8  1000  0.0   0  0.0  |0.0|   19  0.0  1000  0.0   0  0.0  |0.0|   0.0
19  0.0  1000  0.0   1  0.4  |0.0|   19  0.8  1000  0.0   1  0.0  |0.0|   19  0.0  1000  0.0   1  0.0  |0.0|   0.0
19  0.0  1000  0.0   2  0.8  |0.0|   19  0.8  1000  0.0   2  0.0  |0.0|   19  0.0  1000  0.0   2  0.0  |0.0|   0.0
19  0.0  1000  0.0   3  0.8  |0.0|   19  0.8  1000  0.0   3  0.0  |0.0|   19  0.0  1000  0.0   3  0.2  |0.0|   0.0
19  0.0  1000  0.0   4  0.4  |0.0|   19  0.8  1000  0.0   4  0.0  |0.0|   19  0.0  1000  0.0   4  0.6  |0.0|   0.0
19  0.0  1000  0.0   5  0.0  |0.0|   19  0.8  1000  0.0   5  0.0  |0.0|   19  0.0  1000  0.0   5  1.0  |0.0|   0.0
19  0.0  1000  0.0   6  0.0  |0.0|   19  0.8  1000  0.0   6  0.5  |0.0|   19  0.0  1000  0.0   6  0.6  |0.0|   0.0
19  0.0  1000  0.0   7  0.0  |0.0|   19  0.8  1000  0.0   7  1.0  |0.0|   19  0.0  1000  0.0   7  0.2  |0.0|   0.0
19  0.0  1000  0.0   8  0.0  |0.0|   19  0.8  1000  0.0   8  0.5  |0.0|   19  0.0  1000  0.0   8  0.0  |0.0|   0.0
19  0.0  1000  0.0   9  0.0  |0.0|   19  0.8  1000  0.0   9  0.0  |0.0|   19  0.0  1000  0.0   9  0.0  |0.0|   0.0
```

4) Small table. Favorite speed is 3, favorite distance is 100.

```
 V    D    A   m(result)
 -----------------------
 3   100   0   0.000000
 3   100   1   0.161600
 3   100   2   0.323200
 3   100   3   0.323200
 3   100   4   0.240000
 3   100   5   0.400000
 3   100   6   0.240000
 3   100   7   0.080000
 3   100   8   0.000000
 3   100   9   0.000000
```

5)Balance.

Histogram of balance

Formula of balance:

$$\sum_{i=0}^{9} (x - x_i)\mu_i = 0$$

$$x = \frac{\sum_{i=0}^{9} x_i * \mu_i}{\sum_{i=0}^{9} \mu_i}$$

Result x= 3.810860.