

Contemporary Data Processing Technology (CCOD)

Lab 5 (October 06, 2016)

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Table of values:

Speed	Distance	Break
0	0	4,5
0	100	4,5
0	200	4,5
0	300	3,625
0	400	3
0	500	3
0	600	3
0	700	1,666667
0	800	0,875
0	900	0,875
0	1000	0,875
2,5	0	4,5
2,5	100	4,5
2,5	200	4,5
2,5	300	3,625
2,5	400	3
2,5	500	2,423077
2,5	600	2,634146
2,5	700	1,666667
2,5	800	0,875
2,5	900	0,875
2,5	1000	0,875
5	0	4,5
5	100	4,5
5	200	4,5
5	300	3,625
5	400	3
5	500	1,666667
5	600	1,214286
5	700	1,35
5	800	0,875
5	900	0,875
5	1000	0,875

7,5	0	5,15625
7,5	100	5,15625
7,5	200	5,15625
7,5	300	4,340909
7,5	400	3,40625
7,5	500	2,107143
7,5	600	1,423077
7,5	700	1,522727
7,5	800	0,875
7,5	900	0,875
7,5	1000	0,875
10	0	6
10	100	6
10	200	6
10	300	5,375
10	400	4,5
10	500	3,625
10	600	3
10	700	1,666667
10	800	0,875
10	900	0,875
10	1000	0,875
12,5	0	8,119403
12,5	100	8,119403
12,5	200	6
12,5	300	5,5
12,5	400	5,59375
12,5	500	4,659091
12,5	600	3,84375
12,5	700	2,480769
12,5	800	1,954545
12,5	900	1,954545
12,5	1000	1,954545

15	0	8,636364
15	100	8,636364
15	200	7,125
15	300	7,421053
15	400	6
15	500	5,375
15	600	4,5
15	700	2,772727
15	800	2,285714
15	900	2,285714
15	1000	2,285714
17,5	0	8,636364
17,5	100	8,636364
17,5	200	8,493827
17,5	300	7,866667
17,5	400	6
17,5	500	5,375
17,5	600	4,5
17,5	700	2,137255
17,5	800	1,033333
17,5	900	1,033333
17,5	1000	1,033333
20	0	8,636364
20	100	8,636364
20	200	8,636364
20	300	7,866667
20	400	6
20	500	5,375
20	600	4,5
20	700	2,083333
20	800	0,875
20	900	0,875
20	1000	0,875

Table of rules:

IF speed IS	AND distance IS	THEN break IS
Very SLOW	Very SHORT	MEDIUM
Very SLOW	SHORT	MEDIUM
Very SLOW	MEDIUM	WEAK
Very SLOW	LONG	WEAK
Very SLOW	Very LONG	Very WEAK
SLOW	Very SHORT	MEDIUM
SLOW	SHORT	MEDIUM
SLOW	MEDIUM	WEAK
SLOW	LONG	Very WEAK
SLOW	Very LONG	Very WEAK
MEDIUM	Very SHORT	STRONG
MEDIUM	SHORT	STRONG
MEDIUM	MEDIUM	MEDIUM
MEDIUM	LONG	WEAK
MEDIUM	Very LONG	Very WEAK
FAST	Very SHORT	Very STRONG
FAST	SHORT	STRONG
FAST	MEDIUM	STRONG
FAST	LONG	MEDIUM
FAST	Very LONG	WEAK
Very FAST	Very SHORT	Very STRONG
Very FAST	SHORT	Very STRONG
Very FAST	MEDIUM	STRONG
Very FAST	LONG	MEDIUM
Very FAST	Very LONG	Very WEAK

Graphic:

