

General condition			
Days		Base rate, %	
<= 92		20	
>= 93 <=182		19	
>=183 <=365		18	
loan amount	reducing %		
< 50 000	-		
>= 50 000 <= 100 000	0.5%		
> 100 000	1.5%		

Equivalence Partitioning Method

Days		
Valid classes		
Class	Values	Base rate, %
1 class	[1 - 92]	20
2 class	[93 - 182]	19
3 class	[183 - 365]	18

Days		
Invalid classes		
Class	Values	Base rate, %
4 class	( $-\infty$ – 0]	-
5 class	(365 – $+\infty$ )	-
6 class	Non-numeric	-

Loan amount		
Valid classes		
Class	Values	Reducing, %
1 class	(0 - 49 999.99]	-
2 class	[50 000 - 100 000]	0.5
3 class	(100 000 – $+\infty$ )	1.5

Loan amount		
Invalid classes		
Class	Values	Reducing, %
4 class	( $-\infty$ – 0]	-
5 class	Non-numeric	-

Test cases built using only the EP technique

Valid test cases				
	Days	Loan amount	Base Rate, %	Reducing %
1	10	2	20	-
2	50	60 000	20	0.5
3	80	125 000	20	1.5
4	100	20 000	19	-
5	150	77 777	19	0.5
6	173	200 000	19	1.5
7	185	45 000.98	18	-
8	200	95 000	18	0.5
9	360	450 999.10	18	1.5

Invalid test cases				
	Days	Loan amount	Base Rate, %	Reducing %
1	400	10 000	-	-
2	abc	20 000	-	-
3	0	30 000	-	-
4	20	-10	20	-
5	100	qwerty	20	-
6	-20	0	-	-