





Solution equivalence classes (red color/italics = invalid)	
Input:	
From station	
(1.1) filled in	
(1.2) not filled in	
(2.1) station exists	
(2.2) station does not exist	
(1.1.a) too long station name, (1.1.b) too short, (1.1.c) OK length	
To station	
(3.1 4.2 like1.1.c) as for From station	
(3.3.1) different from From station	
(3.3.2) equal to From station	
Travel date (ddmm)	
(5.1) filled in	
(5.2) not filled in	
(6.1) "in principle" valid date (existing day)	
(6.1.1) today today + 3 months (two possibilities: period in one year	or over year end)
(6.1.2) more than 3 months from today	
(6.2) Not existing date (totally wrong)	
Machine date	
assumed correct	
Output:	
(O1.1) List of buses running on that day	
(O1.2) Every possible (reasonable) error message Ch. 4 - Exercises Test Case Design © 2005 - 2010 Hans Schaefer	Slide no. 4







			Something missin	
Test nr	Classes (for you to check that every class is tested!)	Input	Exp. output	
1	1.1., 2.1., 3.1., 3.2.1., 4.1., 5.1, 6.1.1, 01.1	Oslo, Bergen, today	All buses today	
2	1.2, 01.2	_, Bergen, today	Error message about From station	
3	2.2, 01.2	Beijing, Bergen, today	Error message about From station	
4	2.2.a, O1.2	Very long text, Bergen, today	Error message about From station	
5	3.2, 01.2	Oslo, _, today	Error message about to station	
6	5.2, 01.2	Oslo, Bergen, _	Error message about missing date	
7 . 4 - Exercises Te	6.1.2, 01.2 est Case Design	Oslo, Bergen, today + more than 3 months © 2005 - 2010 Hans Schae	Error message about date too far in future Slide no. 8	

Exercise		
Boundary values for day-fie	ld in date for travel	
Find boundary values for th	e test.	
Make sure to include bound value!	ary values depending or	n the month
Assumption: No more than	two positions can be fille	ed in.
Only use numbers!		
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