

View A

V1		V2	
1	public static void main(String[] args){	1	public static void main(String[] args){
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8	✓assertEquals(format, getFormat(date));	8	✗assertEquals(format, getFormat(date));
9	}	9	}
10	public String getFormat(Date date){	10	public String getFormat(Date date){
11		11	
12	if (date.year.length() == 2) [false]	12	if (date.year.length() >= 4) [false]
13	result = "yy";	13	result = "yyyy";
14	else	14	else
15	result = "yyyy";	15	result = "yy";
16		16	
17	result = result+getMonthFormat(tokenLen);	17	result = result+getMonthFormat(tokenLen);
18		18	
19	result = result+getDayFormat(tokenLen);	19	result = result+getDayFormat(tokenLen);
20		20	
21	result = result+getTimeFormat(tokenLen);	21	result = result+getTimeFormat(tokenLen);
22	return result;	22	return result;
23	}	23	}

View B

V1		V2	
1	public static void main(String[] args){	1	public static void main(String[] args){
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8	✓assertEquals(format, getFormat(date));	8	✗assertEquals(format, getFormat(date));
9	}	9	}
10	public String getFormat(Date date){	10	public String getFormat(Date date){
11		11	
12	if (date.year.length() == 2) [false]	12	if (date.year.length() >= 4) [false]
13	result = "yy";	13	result = "yyyy";
14	else	14	else
15	result = "yyyy";	15	result = "yy";
16		16	
17		17	
18		18	
19		19	
20		20	
21	result = Func1(result);	21	result = Func1(result);
22	return result;	22	return result;
23	}	23	}

View C

V1		V2	
1	public static void main(String[] args){	1	public static void main(String[] args){
2	String format = "yyyyMMddHH:mm:ss";	2	String format = "yyyyMMddHH:mm:ss";
3	Date date = new Date();	3	Date date = new Date();
4	date.year = "003";	4	date.year = "003";
5		5	
6		6	
7		7	
8	✓assertEquals(format, getFormat(date));	8	✗assertEquals(format, getFormat(date));
9	}	9	}
10	public String getFormat(Date date){	10	public String getFormat(Date date){
11		11	
12	if (date.year.length() == 2) [false]	12	if (date.year.length() >= 4) [false]
13	result = "yy";	13	result = "yyyy";
14	else	14	else
15	result = "yyyy";	15	result = "yy";
16		16	
17		17	
18		18	
19		19	
20		20	
21	result = Func1(result);	21	result = Func1(result);
22	return result;	22	return result;
23	}	23	}

Notations: Lines that correspond to each other in V1 and V2 are given the same line numbers. Numbered empty lines indicate statements that are either excluded in a particular view or are absent in a code version. Specifically, if a line is annotated by "delete", the statement is deleted in a version. Otherwise, it is excluded from the view. Changes between versions ("Add", "Update", "Delete") are shown on arrows between code snippets. For simplicity, each "if" statement (e.g., in line 12) is annotated with a label showing whether the "if" condition is evaluated to *true* or *false*. Gray lines indicate statements that are not executed because they are encapsulated by an "if" statement that evaluates to *false*. Colored background highlight the differences between the views.