

# MC/DC: linear complexity

- N+1 test cases for N basic conditions

((a || b) && c) || d) && e

Test Case	a	b	c	d	e	outcome
(1)	<u>true</u>	--	<u>true</u>	--	<u>true</u>	true
(2)	false	<u>true</u>	true	--	true	true
(3)	true	--	false	<u>true</u>	true	true
(4)	true	--	true	--	<u>false</u>	false
(5)	true	--	<u>false</u>	<u>false</u>	--	false
(6)	<u>false</u>	<u>false</u>	--	false	--	false

- Underlined values independently affect the output of the decision