

RELACIÓN 2. EXPRESIONES LÓGICAS Y RELACIONALES

Caso 1	Caso 2
a=3 b=4 c=3	a='a' b='c' c='b'

- Caso 1 :

1. $(a < b) \rightarrow \mathbf{V}$
2. $(a \geq c) \rightarrow \mathbf{V}$
3. $((a < b) \ \&\& \ (a \geq c)) \rightarrow \mathbf{V}$
4. $((a < b) \ || \ (a > c)) \rightarrow \mathbf{V}$
5. $!((a < b) \ \&\& \ (a \geq c)) \rightarrow \mathbf{F}$
6. $!(!(a < b) \ || \ !(a > c)) \rightarrow \mathbf{V}$
7. $((a == b) \ || \ (a == c)) \rightarrow \mathbf{V}$
8. $((a + 1) \geq c) \rightarrow \mathbf{V}$
9. $!((a > b) \ \&\& \ (b > c) \ \&\& \ (c > a)) \rightarrow \mathbf{V}$
10. $((a > b) \ || \ (b > c) \ || \ (c > a)) \rightarrow \mathbf{V}$
11. $((a \geq b) \ \&\& \ (b \geq c) \ \&\& \ (c \geq a)) \rightarrow \mathbf{F}$
12. $((a \geq b) \ || \ (b \geq c) \ || \ (c \geq a)) \rightarrow \mathbf{V}$

- Caso 2:

1. $(a < b) \rightarrow \mathbf{F}$
2. $(a \geq c) \rightarrow \mathbf{F}$
3. $((a < b) \ \&\& \ (a \geq c)) \rightarrow \mathbf{F}$
4. $((a < b) \ || \ (a > c)) \rightarrow \mathbf{F}$
5. $!((a < b) \ \&\& \ (a \geq c)) \rightarrow \mathbf{V}$
6. $!(!(a < b) \ || \ !(a > c)) \rightarrow \mathbf{F}$
7. $((a == b) \ || \ (a == c)) \rightarrow \mathbf{V}$
8. $((a + 1) \geq c) \rightarrow \mathbf{V}$
9. $!((a > b) \ \&\& \ (b > c) \ \&\& \ (c > a)) \rightarrow \mathbf{V}$
10. $((a > b) \ || \ (b > c) \ || \ (c > a)) \rightarrow \mathbf{V}$
11. $((a \geq b) \ \&\& \ (b \geq c) \ \&\& \ (c \geq a)) \rightarrow \mathbf{F}$
12. $((a \geq b) \ || \ (b \geq c) \ || \ (c \geq a)) \rightarrow \mathbf{V}$