

Exercise based on section 3.2:

Suppose s1 and s2 are strings, select the correct value of the expression by circling the correct answer in the 'result' column of the table below. -ve, +ve and zero indicate that the expression will evaluate to a negative number, positive number or 0, respectively.

s1	s2	expression	Result
apple	orange	s1 == s2	true or false
apple	orange	s1.equals(s2)	true or false
apple	orange	s1.compareTo(s2)	+ve, -ve or 0
January	February	s1.compareTo(s2)	+ve, -ve or 0
one	five	s1.compareTo(s2)	+ve, -ve or 0
12	110	s1.compareTo(s2)	+ve, -ve or 0
9:00AM	1:00PM	s1.compareTo(s2)	+ve, -ve or 0
1	one	s1.compareTo(s2)	+ve, -ve or 0
Car	car	s1.compareTo(s2)	+ve, -ve or 0
Car	car	s1.equals(s2)	true or false
car	card	s1.compareTo(s2)	+ve, -ve or 0
Car	card	s1.compareTo(s2)	+ve, -ve or 0

Java also has ***equalsIgnoreCase()*** and ***compareToIgnoreCase()*** that ignore the case of alpha characters during the pairwise character-comparisons.