

Summary of String Methods

Example: String school = " Seasons High"

Method	Description	Return Type	Example
toUpperCase()	Converts to capital letters	String	String upper = school.toUpperCase()
toLowerCase()	Converts to small letters	String	String lower = school.toLowerCase()
length()	Determines the number of characters in the String	int	int length = school.length()
charAt()	Returns a single character at a specified position	char	char first = school.charAt(0)
substring()	Returns one or more characters at a specified position	String	String first3 = school.substring(0,3)
indexOf()	Returns the position of the first occurrence of a searched value	int	int psnS = school.indexOf("S");
lastIndexOf()	Returns the position of the last occurrence of a searched value	int	int last_S = school.lastIndexOf("S");
replaceAll()	Replaces all occurrences of a specified string	String	String rep = school.replaceAll("a","b");
contains()	Determines if a searched string is a part of a larger string	boolean	if (school.contains ("High"))
trim()	Removes leading and trailing spaces	String	String trimmer = school.trim()

Comparing Strings

equals()	Determines if the strings being compared to are the same in all respects	boolean	if(school1.equals(school2))
equalsIgnoreCase()	Determines if the strings being compared to are the same without considering the case	boolean	If (school1. equalsIgnoreCase(school2))

Comparing numbers and characters

int	==	if (num1 == num2)
double	==	if (price1 == price2)
char	==	if (letter1 == letter2)

Conversion Methods

From	To	Method	Example
String	int	Integer.parseInt(String value)	Integer.parseInt("95")
String	double	Double.parseDouble(String value)	Double.parseDouble("2.39")
int	String	" "+ int value	""+62
double	String	" "+ double value	""+62.86
char	String	" "+ char value	""+'a'
int	double	(double)(value)	(double)(45)
double	int	(int)(value)	(int)(34.27)
char	int	Character.getNumericValue(char value) or Integer.parseInt (" "+ char value)	Character.getNumericValue('5') OR Integer.parseInt (" "+ '5')