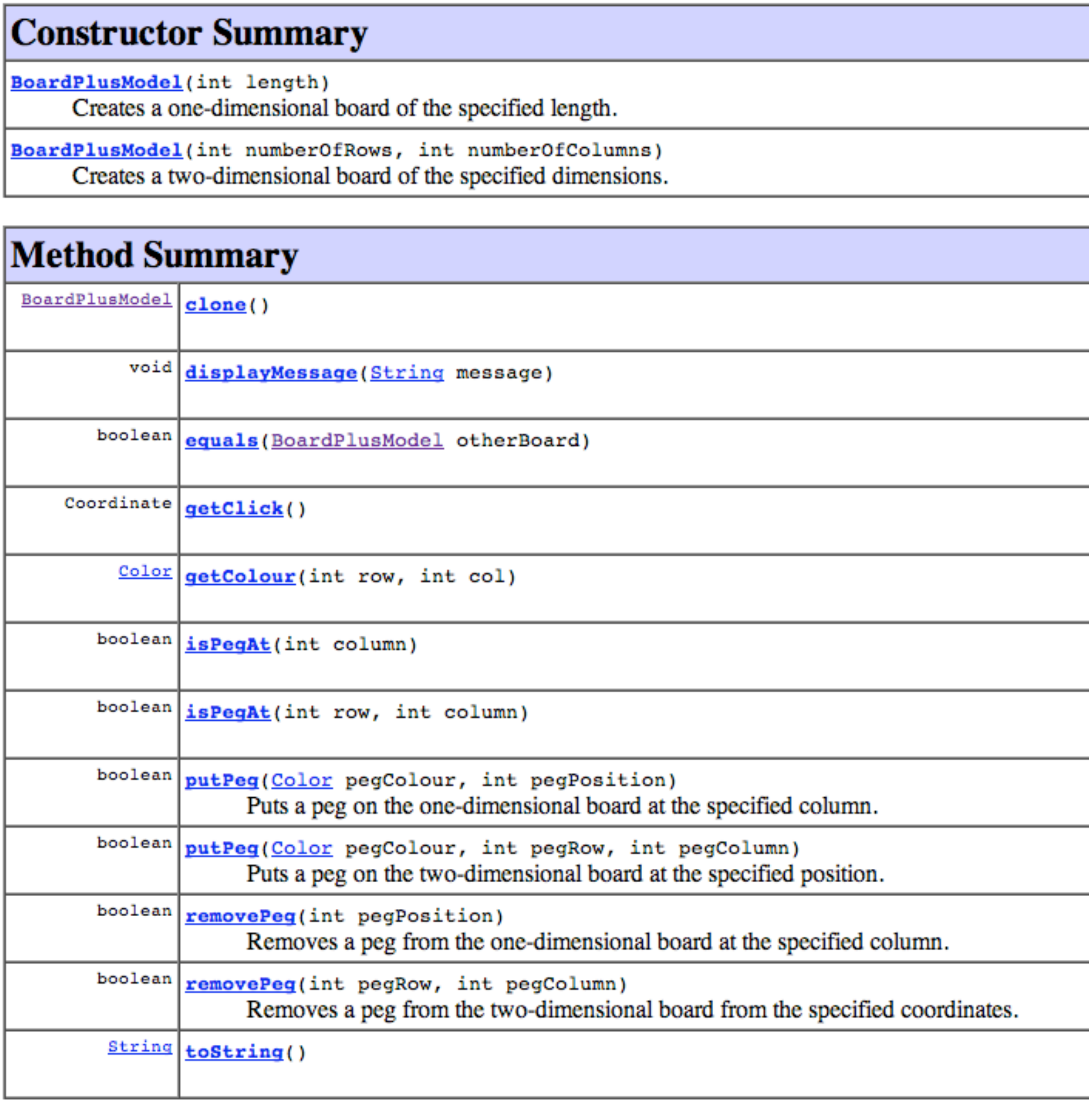
CS133 Midterm Reference Sheet

BoardPlusModel



Constructor Summary
`BoardPlusModel(int length)` Creates a one-dimensional board of the specified length.
`BoardPlusModel(int numberOfRows, int numberOfColumns)` Creates a two-dimensional board of the specified dimensions.

Method Summary	
`BoardPlusModel`	`clone()`
`void`	`displayMessage(String message)`
`boolean`	`equals(BoardPlusModel otherBoard)`
`Coordinate`	`getClick()`
`Color`	`getColour(int row, int col)`
`boolean`	`isPegAt(int column)`
`boolean`	`isPegAt(int row, int column)`
`boolean`	`putPeg(Color pegColour, int pegPosition)` Puts a peg on the one-dimensional board at the specified column.
`boolean`	`putPeg(Color pegColour, int pegRow, int pegColumn)` Puts a peg on the two-dimensional board at the specified position.
`boolean`	`removePeg(int pegPosition)` Removes a peg from the one-dimensional board at the specified column.
`boolean`	`removePeg(int pegRow, int pegColumn)` Removes a peg from the two-dimensional board from the specified coordinates.
`String`	`toString()`

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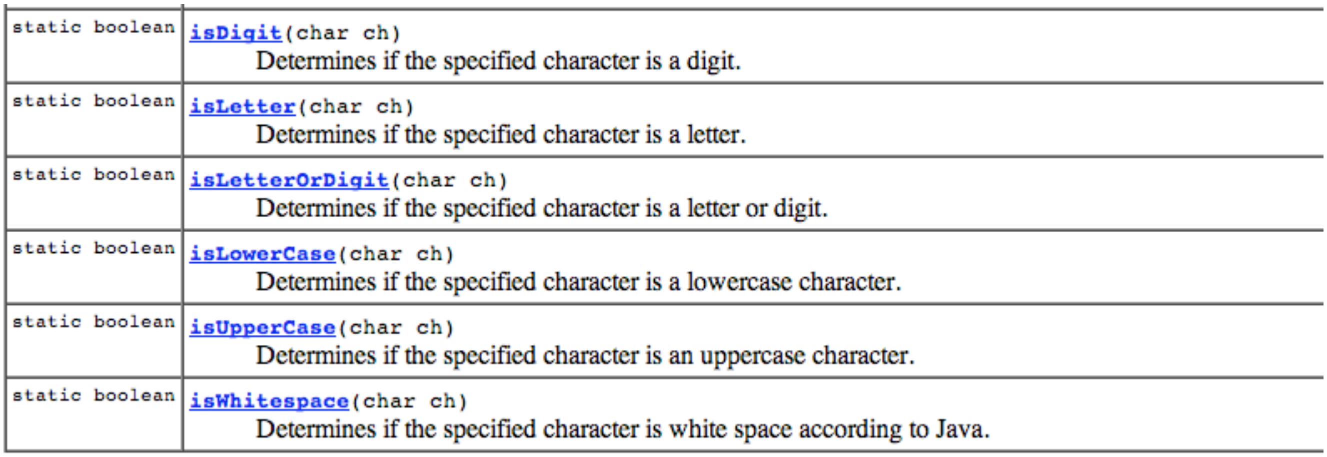
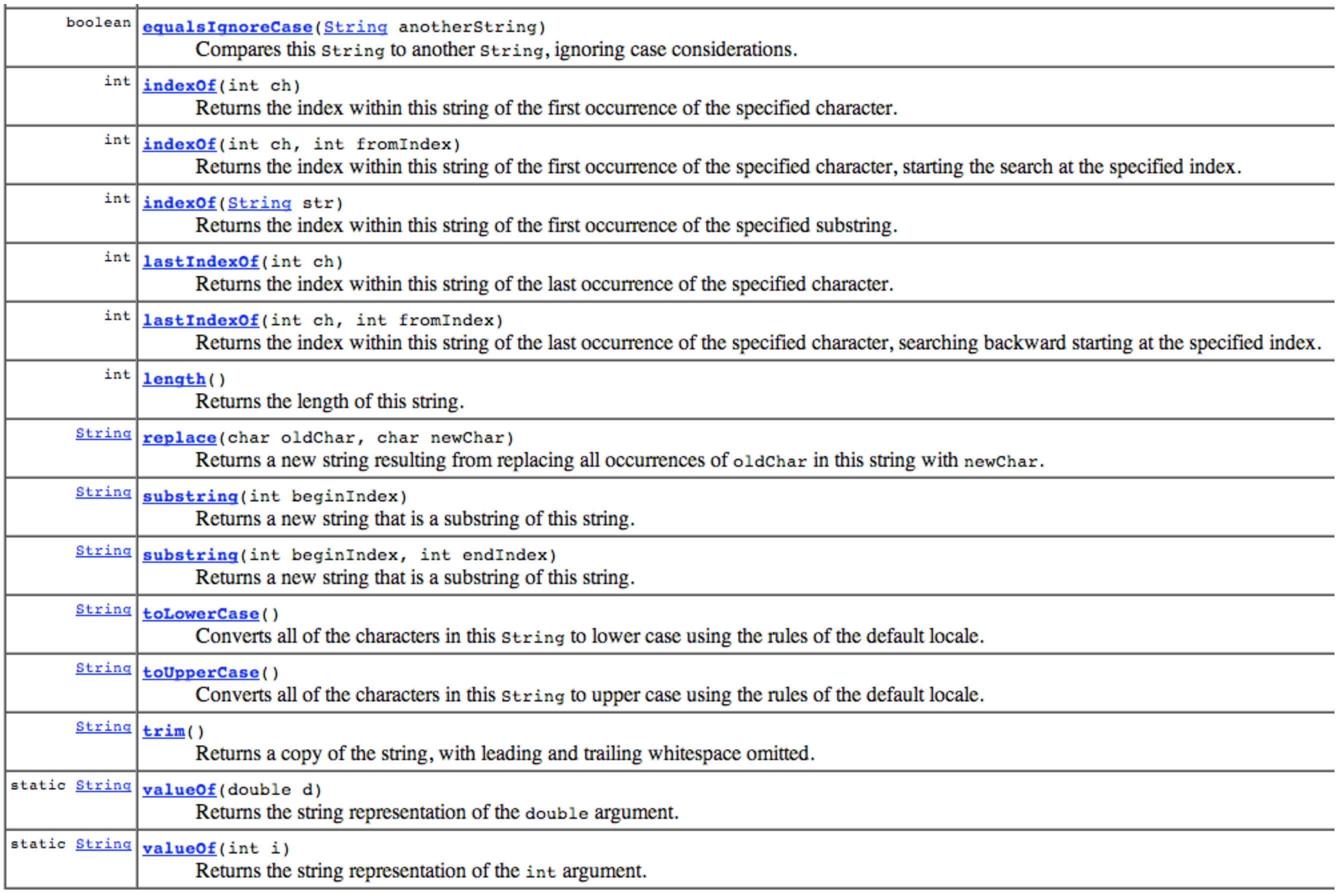
Character



static boolean	isDigit(char ch) Determines if the specified character is a digit.
static boolean	isLetter(char ch) Determines if the specified character is a letter.
static boolean	isLetterOrDigit(char ch) Determines if the specified character is a letter or digit.
static boolean	isLowerCase(char ch) Determines if the specified character is a lowercase character.
static boolean	isUpperCase(char ch) Determines if the specified character is an uppercase character.
static boolean	isWhitespace(char ch) Determines if the specified character is white space according to Java.

String



boolean	equalsIgnoreCase(String anotherString) Compares this String to another String, ignoring case considerations.
int	indexOf(int ch) Returns the index within this string of the first occurrence of the specified character.
int	indexOf(int ch, int fromIndex) Returns the index within this string of the first occurrence of the specified character, starting the search at the specified index.
int	indexOf(String str) Returns the index within this string of the first occurrence of the specified substring.
int	lastIndexOf(int ch) Returns the index within this string of the last occurrence of the specified character.
int	lastIndexOf(int ch, int fromIndex) Returns the index within this string of the last occurrence of the specified character, searching backward starting at the specified index.
int	length() Returns the length of this string.
String	replace(char oldChar, char newChar) Returns a new string resulting from replacing all occurrences of oldChar in this string with newChar.
String	substring(int beginIndex) Returns a new string that is a substring of this string.
String	substring(int beginIndex, int endIndex) Returns a new string that is a substring of this string.
String	toLowerCase() Converts all of the characters in this String to lower case using the rules of the default locale.
String	toUpperCase() Converts all of the characters in this String to upper case using the rules of the default locale.
String	trim() Returns a copy of the string, with leading and trailing whitespace omitted.
static String	valueOf(double d) Returns the string representation of the double argument.
static String	valueOf(int i) Returns the string representation of the int argument.