**Day 4**

**Make a StringUtils class which contains following methods**

• static int countChar(String str,char ch)

Returns occurrence of the given character in the given String (str).

• static String substring(String str,int start,int end)

Returns a substring from the start index to end index with all validation checks.

• static String[] split(String str,char ch)

Returns an array of strings broken according to the occurrence of the given character with validation checks.

• Static Boolean hasPattern(String str,String pattern)

Returns true if the give string (pattern) found in the main string (str) otherwise false.

• Static Boolean allWordsContainsChar(String str,char ch)

Returns true if all words of the given string (str) contains the given character (ch) otherwise false.

NOTE: You can use only String.charAt(), methods to code this problem.