Testare eventCalendar 1.2/src/detect/GiveMeDateAndTime.java

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1.GiveMeDateForCalendar()

Functia primeste sub forma de String o data in formatul "yyyy-MM-dd" , si returneaza un alt String cu aceeasi data in formatul "MMM dd, yyyy".

1.1. public void testGiveMeDateForCalendar12() {

System.out.println("giveMeDate1");

String text = "2016-12-05";

GiveMeDateAndTime instance = new GiveMeDateAndTime();

String expResult = "Dec 05, 2016";

String result = instance.giveMeDateForCalendar(text);

assertEquals(expResult, result);

}

Rezultat:trece.

Observatii: functia merge doar cand data primita este de forma "yyyy-MM-dd" , nu sunt recunoscute alte tipare.

2.giveMeTimeForCalendar()

Functia primeste un string pentru timp si retuneaza acelasi String daca este se potriveste patternului HH:MM si null , altfel.

2.1 @Test

public void testGiveMeTimeForCalendar1() {

System.out.println("giveMeTimeForCalendar");

String dates = "23:45";

GiveMeDateAndTime instance = new GiveMeDateAndTime();

String expResult = "23:45";

String result = instance.giveMeTimeForCalendar(dates);

assertEquals(expResult, result); }

Rezultat:trece.

Observatii: Functia retuneaza null daca Stringul primit are alta structura decat "HH:MM".

2.2. @Test

public void testGiveMeTimeForCalendar2() {

System.out.println("giveMeTimeForCalendar");

String dates = "93:85";

GiveMeDateAndTime instance = new GiveMeDateAndTime();

String expResult = null;

String result = instance.giveMeTimeForCalendar(dates);

assertEquals(expResult, result);

}

Rezultat: esuat.

Cauza: Functia considera ca fiind ora orice structura de forma "XX:YY" , unde X,Y cifre. (Deci inclusiv 7,8,9)