

@isTest

private class TestVerifyDate {

    @isTest static void Test\_CheckDates\_case1() {

        Date D = VerifyDate.CheckDates(date.parse('01/01/2020'), date.parse('01/05/2020'));

        System.assertEquals(date.parse('01/05/2020'), D);

    }

    @isTest static void Test\_CheckDates\_case2() {

        Date D = VerifyDate.CheckDates(date.parse('01/01/2020'), date.parse('05/05/2020'));

        System.assertEquals(date.parse('01/31/2020'), D);

    }

    @isTest static void Test\_DateWithin30Days\_case1() {

        Boolean flag = VerifyDate.DateWithin30Days(date.parse('01/01/2020'),  
date.parse('12/30/2019'));

        System.assertEquals(false, flag);

    }

    @isTest static void Test\_DateWithin30Days\_case2() {

        Boolean flag = VerifyDate.DateWithin30Days(date.parse('01/01/2020'),  
date.parse('02/02/2020'));

        System.assertEquals(false, flag);

    }

    @isTest static void Test\_DateWithin30Days\_case3() {

        Boolean flag = VerifyDate.DateWithin30Days(date.parse('01/01/2020'),  
date.parse('01/15/2020'));

        System.assertEquals(true, flag);

    }

    @isTest static void Test\_SetEndOfMonthDate(){

        Date returndate = VerifyDate.SetEndOfMonthDate(date.parse('01/01/2020'));

    }

}