@isTest

private class TestVerifyDate

{

@isTest static void testCheckDatesOne ()

{

Date test = VerifyDate.CheckDates (Date.newInstance(2018, 7, 19), Date.newInstance(2018, 7, 20));

System.assertEquals(Date.newInstance(2018, 7, 20), test);

}

@isTest static void testCheckDatesTwo ()

{

Date test = VerifyDate.CheckDates (Date.newInstance(2018, 7, 19), Date.newInstance(2018, 8, 20));

System.assertEquals(Date.newInstance(2018, 8, 20), test);

}

@isTest static void testDateWithin30DaysOne ()

{

boolean test = VerifyDate.DateWithin30Days (Date.newInstance(2018, 7, 19), Date.newInstance(2018, 7, 18));

System.assertEquals(false, test);

}

@isTest static void testDateWithin30DaysTwo ()

{

boolean test = VerifyDate.DateWithin30Days (Date.newInstance(2018, 7, 19), Date.newInstance(2019, 1, 1));

System.assertEquals(false, test);

}

@isTest static void testDateWithin30DaysThree ()

{

boolean test = VerifyDate.DateWithin30Days (Date.newInstance(2018, 7, 19), Date.newInstance(2018, 7, 19));

System.assertEquals(true, test);

}

@isTest static void testSetEndOfMonthDate ()

{

Date test = VerifyDate.SetEndOfMonthDate (Date.newInstance(2018, 7, 19));

System.assertEquals(Date.newInstance(2018, 7, 31), test);

}

}