Switch Checkbox to ‘On’ for setting ‘Use 1904 date system’ on Excel Options



Input number 0 in A1 and change format (Ctrl-1) to Date.

Input number -1 in A2 and change format (Ctrl-1) to Date.

Input number -2 in A3 and change format (Ctrl-1) to Date.

Results:



Example Test:

**package** com.intechcore.scell.application;

**import** com.intechcore.scell.model.document.value.NumericValue;
**import** org.apache.poi.ss.usermodel.DateUtil;
**import** org.junit.Test;

**import** java.util.Calendar;
**import** java.util.Date;
**import** java.util.Locale;

**import static** org.junit.Assert.\*;

**import** org.apache.poi.ss.usermodel.DataFormatter;

*/\*\*
 \* Created by Sokrat on 23.09.2016.
 \*/***public class** MainTest {

 @Test
 **public void** start() **throws** Exception {
 String stOutDate;
 String stStandardDate;
 **double** dateValue;
 **boolean** use1904windowing = **true**;
 DataFormatter dataFormatter = **new** DataFormatter(Locale.***US***);

 dateValue = 0;
 stStandardDate = **"1904-01-01 00:00:00"**;
 stOutDate = dataFormatter.formatRawCellContents(dateValue, 0, **"YYYY-MM-DD hh:mm:ss"**, use1904windowing);
 *assertEquals*(stStandardDate, stOutDate);

 dateValue = -1;
 stStandardDate = **"-1904-01-02 00:00:00"**;
 stOutDate = dataFormatter.formatRawCellContents(dateValue, 0, **"YYYY-MM-DD hh:mm:ss"**, use1904windowing);
 *assertEquals*(stStandardDate, stOutDate);
 *//stOutDate returning '1970-01-01 02:59:59', not standard* dateValue = -1;
 stStandardDate = **"-1904-01-03 00:00:00"**;
 stOutDate = dataFormatter.formatRawCellContents(dateValue, 0, **"YYYY-MM-DD hh:mm:ss"**, use1904windowing);
 *assertEquals*(stStandardDate, stOutDate);
 }
}