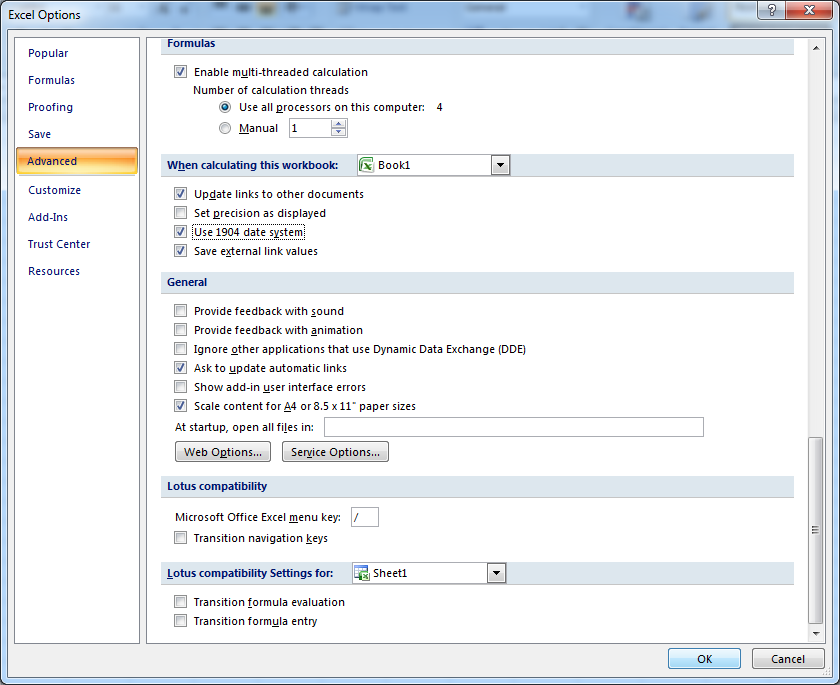
Switch Checkbox to ‘On’ for setting ‘Use 1904 date system’ on Excel Options

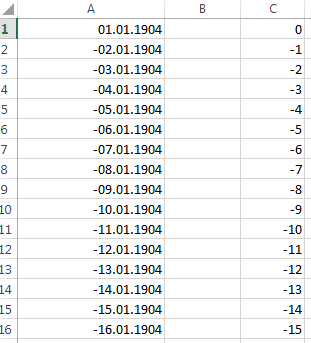


Input number 0 in A1 and change format (Ctrl-1) to Date.

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);  
 }  
}