**Process 260 subfield $c into an 046 field**

I'm going to give the subroutines first, then the main thing.

Unless otherwise indicated, all string comparisons are case-insensitive.

Where it's important to indicate a blank space unambiguously, "#" represents a blank space.

Note that some stuff has been put in only to be taken out again, but it hasn't necessarily been taken out everywhere.

**1. Left pad function**

Receives a string and a length

Returns the value of the string expressed again as a string, left-padded with zeroes to the indicated length

**2. Normalization function**

Decompose deprecated characters into canonical equivalents (e.g., U+0100 becomes "A" followed by a macron; U+0386 becomes U+0391 followed by tonos)

Replace U+2113 with "L"

*Handling of most characters depends on Unicode character category:*

Control characters: replace with null

Formatting characters: replace with null

Other control characters: replace with null

Control surrogate characters: replace with null

Lowercase letters:

Replace U+0061-U+007A with uppercase equivalents

Replace U+00AA, U+00B5, 00BA with null

Replace U+00DF with "SS"

Replace U+00E6 with "AE"

Replace U+00F0 with 'D'

Replace U+00F8 with "O" [oh]

Replace U+00FE with "TH"

Replace U+0111 with "D"

Replace U+0131 with "IU"

Replace U+0138 with "K"

Replace U+0142 with "L"

Replace U+0153 with "OE"

Replace U+017F with "S"

Replace U+01A1 with "O" [oh]

Replace U+01B0 with "U"

Replace U+0390-U+03F3 with uppercase equivalents (Greek)

Replace U+0419-U+04F9 with uppercase equivalents (Cyrillic)

Replace U+0561-U+0587 with uppercase equivalents (Armenian)

Replace other characters with null

Letter modifiers: replace with null

Other letters: Retain as given

Uppercase letters:

Replace U+00C6 with "AE"

Replace U+00D8 with "O" [oh]

Replace U+00DE with "TH"

Retain other characters as given

Titlecase letters: Retain as given

Enclosing characters: Retain as given

Non-spacing characters: Replace with null

Spacing combining characters: Replace with space

Decimal numerals: Retain as given

Number letters: Retain as given

Other numbers:

Replace superscript and subscript numerals with on-the-line-equivalents

Retain others as given

Connector punctuation:

Replace U+005F with space

Retain others as given

Dash punctuation:

Replace U+002D with space

Retain others as given

Close punctuation:

Replace U+0029, U+007D, U+207E, U+208E, U+3009 with space

Replace U+005D with null

Retain others as given

Final quote punctuation: Retain as given

Initial quote punctuation: Retain as given

Other punctuation:

Replace U+0021, U+0022, U+0025, U+0027, U+002A, U+002C, U+002E, U+002F with space

Replace U+003A, U+003B, U+003F, U+0040, U+005C, U+00A1, U+00B7, U+00BF with space

Retain others as given

Open punctuation:

Replace U+0028, U+0F3A, U+207D, U+208D, U+3008 with space

Replace U+005B with null

Retain others as given

Line characters: Retain as given

Paragraph characters: Retain as given

Space characters: Replace with space

Substitution characters: zz [gls-defined]

Currency characters: Replace with space

Modifier characters:

Replace U+02B9, U+02BA with null

Replace U+005E, U+0060 with space

Retain others as given

Math symbols:

Retain U+002B, U+266F as given

Replace U+007C with null

Replace others with space

Other symbols:

Replace U+00A9, U+00AE, U+2117 with space

Replace U+00B0 with "0" [zero]

Retain others as given

Replace adjacent occurrences of the space with a single space

Remove leading and trailing spaces

**3. Function to convert a supplied date string into ISO 8601 format:**

Receives a date string, and "century", "BC" and "AD" flags

Returns a modified date string

Default return value: null string

If the date contains a slash (/)

"First" is everything to the left of the slash

"Second" is everything to the right of the slash

Elseif the string contains "#or#"

Set "string contains or" flag

"First" is everything to the left of "or"

If the length of First is more than 4 characters

Set function return value to string meaning "refuse to proceed"

Exit function

"Second" is everything to the right of "or"

If the length of Second is less than the length of First

Add enough characters from the start of First to the start of Second to make them have equal lengths

Else (contains neither slash nor "#or#")

"First" is the entire date

"Second" is null

Normalize First as Norm

If Norm now has no length

Exit (with default return value of null)

If century flag is true

Remove characters in Norm that precede the first numeral

If Norm is now null

Set function return value to string meaning "refuse to proceed"

Exit function

Truncate Norm at the first non-numeral (so that it only contains numerals)

If the length of Norm is greater than 2

Set function return value to string meaning "refuse to proceed"

Exit function

First = LeftPad(Norm, 2)

If Second is Null

Set function return value to First

Else

Normalize Second as Norm

Remove characters in Norm that precede the first numeral

If Norm is now null

Set function return value to string meaning "refuse to proceed"

Exit function

Truncate Norm at the first non-numeral

If the length of Norm is greater than 2

Set function return value to string meaning "refuse to proceed"

Exit function

Second = LeftPad(Norm, 2)

Set function return value to First + "/" + Second

Else (not a "century" date)

Year = Norm up to but not including the first space (if no spaces, then the whole thing)

Norm = anything in Norm following the first space (may now be null)

If BC flag is true

Year = LeftPad(Year-1, 4)

If Second is not null

Second = LeftPad (Second minus 1, 4)

Else (not BC)

Year = LeftPad(Year, 4)

If Second is not null

If the length of Second is less than the length of First

Add enough characters from the start of First to the Start of Second to make it the same length as First

If Norm is not null

Month = Norm up to but not including the first space (if no spaces, then the whole thing)

Norm = anything in Norm following the first space (may now be null)

If Month is a full month name or the abbreviation of a month

Set month to the numeric equivalent, 2 digits ("Jan." becomes "01"; "November" becomes "11")

Else

Set function return value to string meaning "refuse to proceed"

Exit function

If Norm is not null

If the numeric value of Norm is between 1 and 31, inclusive

Day = LeftPad(Day, 2)

If Year is not null

If Month is not null

If Day is not null

Set return value of function to Year+Month+Day

Else

Set return value of function to Year + "-" + Day *[the hyphen is required in this case]*

Else (month is null)

If Second is not null

Set return value of function to Year + "/" + Second

Else

Set return value of function to Year

Else (we have only the year

If Second is not null

If "Or" flag is set

Set return value of function to "[" + Year + "," + LeftPad(Second, 4) + "]"

Else

Set return value of function to Year + "/" + LeftPad(Second, 4)

Else (Second is null)

Set return value of function to Year

**4. Preparations routine**

Receives a date, and approximate, BC, AD, century, question and active flags

Returns a modified version of the date parameters

If the date ends "c."

Change "c." to "cent."

If the date contains "active"

Set active flag to True

Replace "active" with a space

If the date contains "fl."

Set active flag to True

Replace "fl." with a space

If the date contains "approximately"

Set approximate flag to True

Replace "approximately" with a space

If the date contains "ca."

Set approximate flag to True

Replace "ca." with a space

If the date contains "B.C.E."

Set BC flag to True

Replace "B.C.E." with a space

If the date contains "BCE."

Set BC flag to True

Replace "BCE." with a space

If the date contains "BCE"

Set BC flag to True

Replace "BCE" with a space

If the date contains "B.C."

Set BC flag to True

Replace "B.C." with a space

If the date contains "C.E."

Set AD flag to True

Replace "C.E." with a space

If the date contains "CE."

Set AD flag to True

Replace "CE." with a space

If the date contains "A.D."

Set AD flag to True

Replace "C.E." with a space

If the date contains "c."

Set approximate flag to True

Replace "c." with a space

If the date contains "century"

Set century flag to True

Replace "century" with a space

If the date contains "cent."

Set century flag to True

Replace "cent." with a space

If the date contains "cent"

Set century flag to True

Replace "cent" with a space

If the date contains "?"

Set question flag to True

Replace "?" with a space

Replace repeated spaces in Date with a single space

Remove leading and trailing spaces

**5. Finish subfield function**

Receives a date, 'Subfield2", and birth, approximate, question, BC flags

Default return value is null

Value of Subfield2 may be changed

If Date is null

Exit (with return value of null)

If BC flag is true

Add "-" to the left end of Date

If the approximate or question flag is True

If Date does not contain "/"

If Date does not contain "-"

If the length of Date is > 6

Add hyphens to separate year, month and day

Else if the length of Date is > 4

Add hyphens to separate year and day

If Subfield2 is null

Subfield2 = MARC delimiter + "2" + "edtf"

If the question flag is True

Add "?" to the right end of Date

If the approximate flag is True

Add "~" to the right end of Date

If the birth flag is true

Return value of the function is MARC delimiter + "s" + Date

Else

Return value of the function is MARC delimiter + "t" + Date

**6. Function to create an 046 field from a MARC subfield**

Receives: a subfield of interest (here called SubfieldD but it may actually be subfield $c)

Returns: a string value

Default return value: null

If SubfieldD starts "early"

If SubfieldD contains "cent" or "c."

Set Early flag = True

Remove text from start of SubfieldD; remove any leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

Elseif SubfieldD begins "mid-"

If SubfieldD contains "cent" or "c."

Set Mid flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

ElseIf SubfieldD begins "late"

If SubfieldD contains "cent" or "c."

Set Late flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

ElseIf SubfieldD begins "first quarter"

If SubfieldD contains "cent" or "c."

Set FirstQuarter flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

Elseif SubfieldD begins "second quarter"

If SubfieldD contains "cent" or "c."

Set SecondQuarter flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

Elseif SubfieldD begins "third quarter"

If SubfieldD contains "cent" or "c."

Set ThirdQuarter flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

Elseif SubfieldD begins "fourth quarter"

If SubfieldD contains "cent" or "c."

Set FourthQuarter flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

ElseIf SubfieldD begins "first half"

If SubfieldD contains "cent" or "c."

Set FirstHalf flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

ElseIf SubfieldD begins "second half"

If SubfieldD contains "cent" or "c."

Set SecondHalf flag = True

Remove text from start of SubfieldD; remove leading spaces

If SubfieldD now begins "of#"

Remove first 3 characters from SubfieldD; remove any leading spaces

If SubfieldD now begins "the#"

Remove first 4 characters from SubfieldD; remove any leading spaces

If the normalized form of SubfieldD is now "1929" or "2000"

SubfieldD = "b. "+SubfieldD

ElseIf the normalized form of SubfieldD is now "BOMBARDMENT 1945"

SubfieldD = "b. 1945"

ElseIf the normalized form of SubfieldD is now "BOXER REBELLION 1899 1901"

SubfieldD = "1899-1901"

ElseIf the normalized form of SubfieldD is now "BURNING 1865"

SubfieldD = "b. 1865"

ElseIf the normalized form of SubfieldD is now "CIVIL WAR 1861 1865"

SubfieldD = "1861-1865"

ElseIf the normalized form of SubfieldD is now "CIVIL WAR 1967 1970"

SubfieldD = "1967-1970"

ElseIf the normalized form of SubfieldD is now "CIVIL WAR 1975 1990"

SubfieldD = "1975-1990"

ElseIf the normalized form of SubfieldD is now "CIVIL WAR 1994"

SubfieldD = "b. 1994"

ElseIf the normalized form of SubfieldD is now "CRIMEAN WAR 1853 1856"

SubfieldD = "1853-1856"

ElseIf the normalized form of SubfieldD is now "CULTURAL REVOLUTION 1966 1976"

SubfieldD = "1966-1976"

ElseIf the normalized form of SubfieldD is now "DATE"

Exit the function with default return value of null

ElseIf the normalized form of SubfieldD is now "EMPIRE 30 B C 284 A D"

SubfieldD = "30 B.C.-284 A.D."

ElseIf the normalized form of SubfieldD is now "FIRST 1096 1099"

SubfieldD = "1096-1099"

ElseIf the normalized form of SubfieldD is now "FOURTH 1202 1204"

SubfieldD = "1202-1204"

ElseIf the normalized form of SubfieldD is now "GEOMETRIC PERIOD CA 900 700 B C"

SubfieldD = "ca. 900-700 B.C."

ElseIf the normalized form of SubfieldD is now "GERMAN OCCUPATION 1940 1945"

SubfieldD = "1940-1945"

ElseIf the normalized form of SubfieldD is now "HOGEN AND HEIJI INSURRECTIONS 1156 1159"

SubfieldD = "1156-1159"

ElseIf the normalized form of SubfieldD is now "OPIUM WAR 1840 1842"

SubfieldD = "1840-1842"

ElseIf the normalized form of SubfieldD is now "QAJAR DYNASTY 1794 1925"

SubfieldD = "1794-1925"

ElseIf the normalized form of SubfieldD is now "QING DYNASTY 1644 1912"

SubfieldD = "1644-1912"

ElseIf the normalized form of SubfieldD is now "PERSIAN WARS 500 449 B C"

SubfieldD = "500-449 B.C."

ElseIf the normalized form of SubfieldD is now "REVOLUTION 1791 1804"

SubfieldD = "1791-1804"

ElseIf the normalized form of SubfieldD is now "REVOLUTION 1775 1783"

SubfieldD = "1775-1783"

ElseIf the normalized form of SubfieldD is now "REVOLUTION 1848 1849"

SubfieldD = "1848-1849"

ElseIf the normalized form of SubfieldD is now "REVOLUTION 1954 1962"

SubfieldD = "1954-1962"

ElseIf the normalized form of SubfieldD is now "REVOLUTION 1959"

SubfieldD = "1959-"

ElseIf the normalized form of SubfieldD is now "REVOLUTION 1979"

SubfieldD = "1979-"

ElseIf the normalized form of SubfieldD is now "SIEGE 70 A D"

SubfieldD = "b. 70"

ElseIf the normalized form of SubfieldD is now "SIEGE 1218 1219"

SubfieldD = "1218-1219"

ElseIf the normalized form of SubfieldD is now "SIEGE 1936 1939"

SubfieldD = "1936-1939"

ElseIf the normalized form of SubfieldD is now "TAIPING REBELLION 1850 1864"

SubfieldD = "1850-1964"

ElseIf the normalized form of SubfieldD is now "TATAR CONQUEST 1643 1644"

SubfieldD = "1643 1644"

ElseIf the normalized form of SubfieldD is now "TANG DYNASTY 618 907"

SubfieldD = "618-907"

ElseIf the normalized form of SubfieldD is now "THIRD 1189 1192"

SubfieldD = "1189-1192"

ElseIf the normalized form of SubfieldD is now "TIANANMEN SQUARE INCIDENT 1989"

SubfieldD = "1989-"

ElseIf the normalized form of SubfieldD is now "TO 1868"

SubfieldD = "d. 1868"

ElseIf the normalized form of SubfieldD is now "TO 1500"

SubfieldD = "d. 1500"

ElseIf the normalized form of SubfieldD is now "TRANSFER OF SOVEREIGNTY FROM GREAT BRITAIN 1997"

SubfieldD = "1997-"

ElseIf the normalized form of SubfieldD is now "WAR OF 1812"

SubfieldD = "1812-1814"

ElseIf the normalized form of SubfieldD is now "WARS OF INDEPENDENCE 1556 1648"

SubfieldD = "1556-1648"

ElseIf the normalized form of SubfieldD is now "WARSAW GHETTO UPRISING 1943"

SubfieldD = "1943-"

Else

If SubfieldD begins "1" [one]

If the length of SubfieldD is 4

If SubfieldD ends with a numeral

Add a hyphen to the end of SubfieldD

Else

If SubfieldD contains "end of" or "lower" or "upper" or "left" or "right" or "top" or "bottom"

Exit function (with return value of null

If SubfieldD ends with "."

If the character to the left of the full stop is a numeral

Remove the terminal full stop

Else if SubfieldD ends "century."

Remove the terminal full stop

If SubfieldD contains "active" or "fl."

NonExplicit flag = True

If SubfieldD contains "cent"

Century flag = True

ElseIf SubfieldD contains "cent"

Century flag = True

If SubfieldD contains a hyphen

Birth is SubfieldD up to but not including the hyphen

Death is SubfieldD following the hyphen

If the length of Death is < 4

If Birth contains only numerals

If Death contains only numerals

If the length of Death < length of Birth

Add characters from the beginning of Birth to the beginning of Death, to make same length

If NonExplicit flag is not True

Explicit flag = True

Elseif SubfieldD begins "born" or "b."

Birth = SubfieldD following the text

Explicit flag = True

Elseif SubfieldD begins "died" or "d."

Death = SubfieldD following the text

Explicit flag = True

Elseif SubfieldD begins "c."

Birth = "ca." plus SubfieldD following the text

Explicit flag = True

Elseif SubfieldD ends "#c."

Birth is SubfieldD minus the text

UseRange flag = True

Century flag = True

Explicit flag = False

Else if SubfieldD begins "ca."

Explicit flag = True

Birth = SubfieldD following the text

Elseif SubfieldD begins "fl."

Birth = SubfieldD

UseRange flag = True

Explicit flag = False

Elseif SubfieldD begins "flourished"

Birth = "fl." + SubfieldD following the text

UseRange flage = True

Explicit flag = False

Elseif SubfieldD begins "active"

Birth = SubfieldD

UseRange flag = True

Explicit flag = False

Elseif SubfieldD begins "cent"

Birth = SubfieldD

UseRange flag = True

Explicit flag = False

Elseif SubfieldD begins "jin shi", "gong shi", "gong sheng" "zhuang yuan"

JinShi flag = True

Birth is SubfieldD following the text

UseRange flag = True

Explict flag = False

Else

If length of SubfieldD is 4

If SubfieldD contains only numerals

Birth = SubfieldD

Explicit flag = True

Else

Exit function

Elseif length of SubfieldD is 5

If rightmost character in SubfieldD is "s" (as in "1980s")

If first 4 characters of SubfieldD are numerals

If the fourth numeral is zero

Birth = First 4 characters of subfield D

Death = the value of Birth + 9

Else

Exit function

Else

Exit function

ElseIf length of SubfieldD is 6

If rightmost 2 characters of SubfieldD are "s."

If first 4 characters of SubfieldD are numerals

If the fourth numeral is zero

Birth = First 4 characters of subfield D

Death = the value of Birth + 9

Else

Exit function

Else

Exit function

Else

Exit function

Perform Preparations with Birth, and birth approximate, birth BC, birth AD, (birth century or century), birth question and birth active flags

Perform Preparations with Death, and death approximate, death BC, death AD, death century, death question and death active flags

If DeathCentury flag is True

BirthCentury flag = True

If BirthQuestion flag is True

If Century flag is true

If Explicit flag is False

DeathQuestion flag = True

If BirthApproximate flag is True

If Century flag is true

If Explicit flag is False

DeathApproximate flag = True

If Birth is now longer than 3 characters

If death has fewer than 4 characters

If Birth contains only numerals

If Death contains only numerals

Copy characters from start of Birth to start of Death to make same length

If Birth and Death are identical

Death = Null

If Death is Null

If BirthCentury or Century flag is True

If BirthBC flag is False

If Early flag is True

Birth = value of Birth -1

Death = Birth + "32"

Birth = Birth + "00"

BirthCentury flag = False

Century flag = False

ElseIf Mid flag is True

Birth = value of Birth -1

Death = Birth + "66"

Birth = Birth + "33"

Birth Century = False

Century = False

ElseIf Late flag is True

Birth = value of Birth -1

Death = Birth + "99"

Birth = Birth + "67"

BirthCentury = False

Century = False

ElseIf FirstQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "24"

Birth = Birth + "00"

BirthCentury = False

Century = False

ElseIf SecondQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "49"

Birth = Birth + "25"

BirthCentury = False

Century = False

ElseIf ThirdQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "74"

Birth = Birth + "50"

BirthCentury = False

Century = False

ElseIf FourthQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "99"

Birth = Birth + "75"

BirthCentury = False

Century = False

ElseIf FirstHalf flag is True

Birth = value of Birth – 1

Death = Birth + "49"

Birth = Birth + "00"

BirthCentury = False

Century = False

ElseIf SecondHalf flag is True

Birth = value of Birth – 1

Death = Birth + "99"

Birth = Birth + "50"

BirthCentury = False

Century = False

Else (date is BC)

If Early flag is True

Birth = value of Birth -1

Death = Birth + "67"

Birth = Birth + "99"

BirthCentury flag = False

Century flag = False

ElseIf Mid flag is True

Birth = value of Birth -1

Death = Birth + "33"

Birth = Birth + "66"

Birth Century = False

Century = False

ElseIf Late flag is True

Birth = value of Birth -1

Death = Birth + "00"

Birth = Birth + "32"

BirthCentury = False

Century = False

ElseIf FirstQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "75"

Birth = Birth + "99"

BirthCentury = False

Century = False

ElseIf SecondQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "50"

Birth = Birth + "74"

BirthCentury = False

Century = False

ElseIf ThirdQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "25"

Birth = Birth + "4"

BirthCentury = False

Century = False

ElseIf FourthQuarter flag is True

Birth = value of Birth – 1

Death = Birth + "00"

Birth = Birth + "24"

BirthCentury = False

Century = False

ElseIf FirstHalf flag is True

Birth = value of Birth – 1

Death = Birth + "99"

Birth = Birth + "50"

BirthCentury = False

Century = False

ElseIf SecondHalf flag is True

Birth = value of Birth – 1

Death = Birth + "00"

Birth = Birth + "51"

BirthCentury = False

Century = False

If BirthActive = True or DeathActive = True

BirthActive = True

DeathActive = True

If DeathBC = True

BirthBC = True

BirthISO = Convert date string to ISO 8601 format with Birth, (BirthCentury or Century), BirthBC, BirthAD

If BirthISO = refuse to proceed

Exit function with return value null

DeathISO = Convert date string to ISO 8601 format with Death, DeathCentury, DeathBC, DeathAD

If DeathISO = refuse to proceed

Exit function with return value null

If Explicit flag = False

If DeathISO is null

If BirthISO contains "/"

DeathISO is portion of BirthISO following "/"

BirthISO is portion of BirthISO preceding "/"

Receives a date, 'Subfield2", and birth, approximate, question, BC flags

BirthFinished = FinishSubfield with BirthISO, Subfield2, True [birth flag], False [approximate flag], False [question flag], BirthBC

DeathFinished = FinishSubfield with DeathISO, Subfield2, False [birth flag], False [approximate flag], False [question flag], DeathBC

If BirthFinished contains "/"

If DeathFinished = Null

DeathFinished = MARC delimiter + "t" + portion of BirthFinished following "/"

BirthFinished = portion of BirthFinished up to but not including "/"

Slash = True

If DeathFinished contains "/"

If BirthFinished = Null

BirthFinished = MARC delimiter + "s" + portion of DeathFinished up to but not including "/"

DeathFinished = MARC delimiter + "t" + portion of DeathFinished following "/"

If either BirthFinished is not null or DeathFinished is not null

Return value of function is Birth Finished + DeathFinished + Subfield2