

**Tuesday Bwalya,**

[tuesdaybwalya1@gmail.com](mailto:tuesdaybwalya1@gmail.com) / [bwalya.tuesday@unza.zm](mailto:bwalya.tuesday@unza.zm)

**Advisor**

(Prof. PhD. Egbert de Smet)

©Tuesday Bwalya, 2014

## **1. Requirements**

One of the requirements obviously is the Koha bibliographic database which a library wishing to migrate to ABCD has to get from its Koha library management system. The other requirement which is central to migration to ABCD is the **mx** executable file. Mx stands for Master/Cross-reference files; an utility for ISIS. It is a program for ISIS database which carries out most ISIS database interface functions and executes from operating system command line to perform different operations (searching, adding, updating and deleting) using different parameters. This mx is also present in ABCD (cgi-bin directory) and it is one of the utilities that perform many donkey works.

## **2. Technical implementation steps**

There are number of steps that need to be followed:

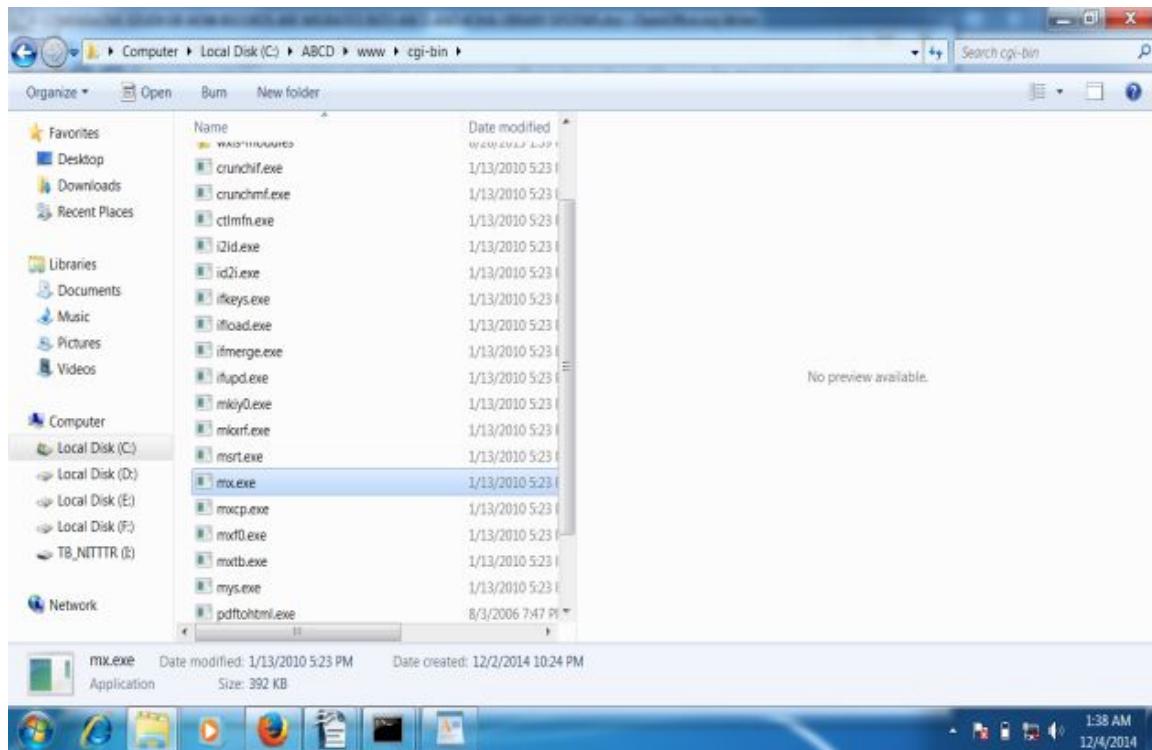
### **2.1 STEP ONE: Preparation of Koha database**

Get your bibliographical records from Koha database. This could be done by exporting the Koha database to an external media such as external hard disc which has large storage capacity because the database may be big. When exporting Koha bibliographical database, ensure that you save it as a **marc** export (with extension ‘.mrc’). This means that you need to select **marc** as the format in which to save the database. Therefore, you end up having a file with an extension **.marc**. The file called koha.marc will in fact be an ISO-file which in the case of Koha is coded in UTF-8 (Unicode). In this regard, the subfield- characters will have a triangle ‘▼’ as **subfield-delimiter** which in ISIS and ABCD is supposed to be caret ‘^’.

### **2.2 STEP TWO: Creation of the working folder**

You need to create a folder on the Desktop or anywhere on your computer and name it whatever name you want. In this project, I named the working folder **migration** and placed it on the Desktop. After creating the working folder, copy **mx.exe** from ABCD folders and paste it in the working folder. If you are wondering how to get an executable mx.exe file, go to you ABCD folder, open it ,

go to **www** folder, then click on **cgi-bin** then you will find a file named **mx.exe** (or just ‘mx’ in Linux).



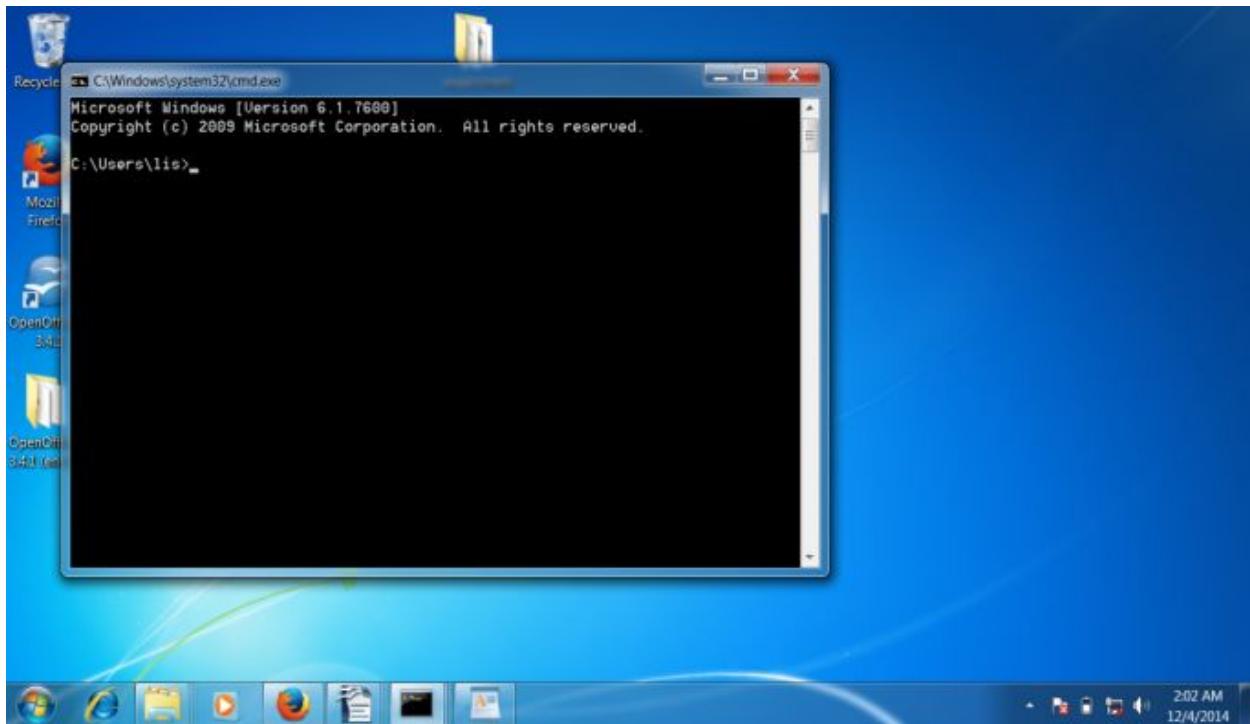
**Note** that if you have not disabled Widows feature of hiding extensions of your programs and files, your mx.exe will be shown as **mx**. To allow Windows to show the extension of your applications, click **start**, go to **all programs**, then open **accessories** and open **windows explorer**. Thereafter, click on **organize**, and open **folders and search options**. You will be presented with a widow; **un-tick** the options which says **Hide extensions for known file types**. Then click **ok**, the extensions for files and programs will be shown.

Having copied mx.exe, get the koha.marc file from your external storage device and put it also in the working folder.

### 2.3 STEP THREE: **Execution of mx to open koha.marc folder**

Having created the working folder, go to the command line. There are two ways of opening the command line. The first one is to click on start and in the combo box;

type the letters **cmd**, the command line will be opened. The other method is to click **start** icon, then click **all programs**. Thereafter, click **accessories** and then



**command prompt**, the command line will open.

To start executing mx, you need to go to the working folder on the Desktop.

Remember we created the folder called **migration** on the Desktop. So we need to go there because this is where mx and the koha.marc files are. In the terminal, type **cd Desktop** and press enter. You will go to the Desktop and to show the contents in the Desktop folders, type **dir**. You will see our migration folder. Then

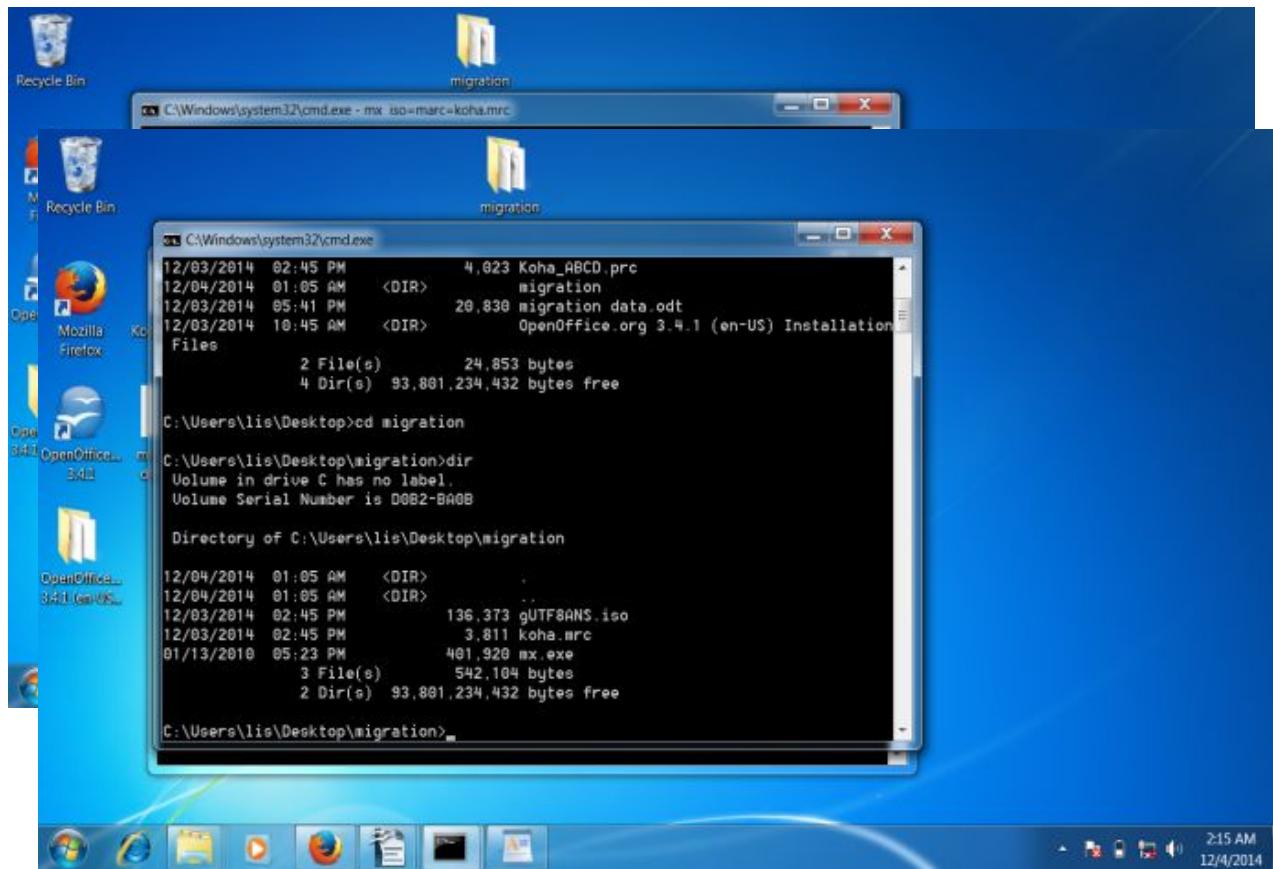
type **cd** migration and followed by **dir**, you will see the two important folders that we need for migration.

**Note** that the gUTF8ANS.iso file you are seeing in my working folder is not important for now. But we will use the file name to create some master and cross-reference files in due course. Therefore, it is not a requirement.

Having navigated to migration files, execute mx to read your koha.mrc file with this command:

**mx iso=marc=koha.mrc**

Mx displays the records in koha.marc database and you will see that indeed your records have triangles instead of the caret ^ that are used in all ISIS databases including ABCD.



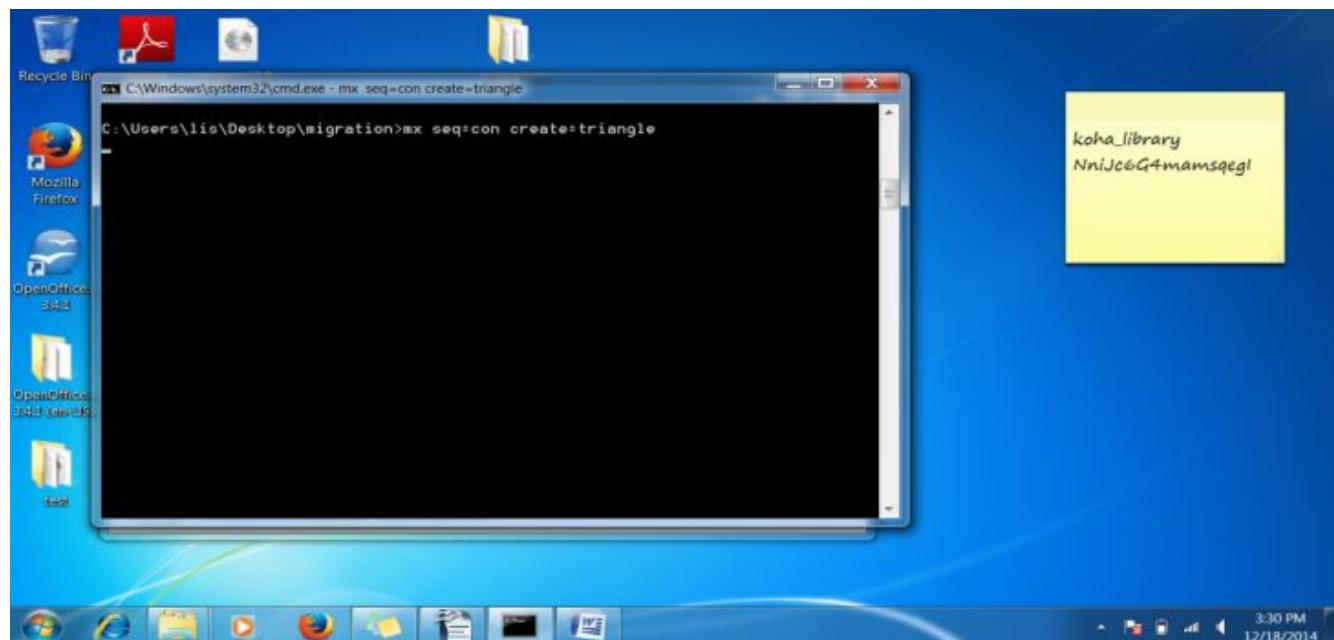
**Note** that at the end of the first record; the cursor is blinking; inviting you to press **enter** to continue reading the next record. But you can type **x** to stop it so that you can execute another mx command.

#### 2.4 STEP FOUR: **Creation of a Gizmo database.**

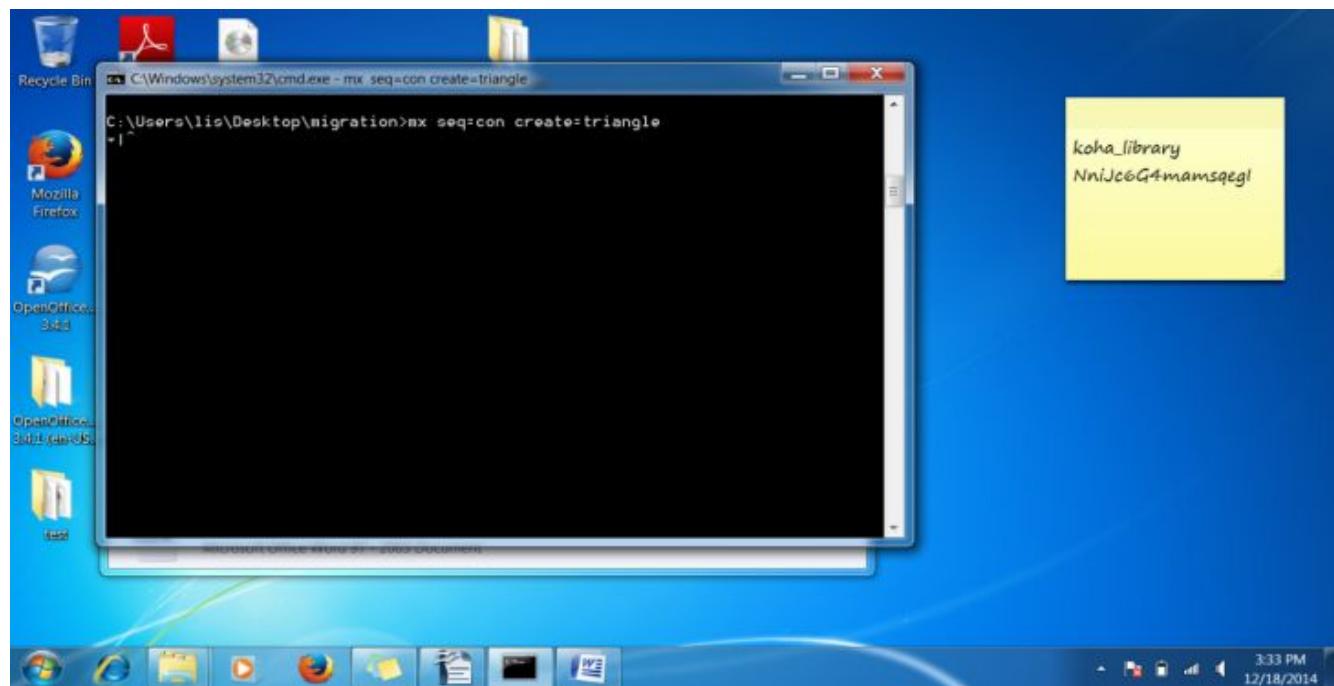
In the records above, you have seen the UTF-8 coding (e.g. 'Español' in field 546) and the triangles. Otherwise, other fields have correct field-tags, sub-fields and the indicators. We need to clean the records by replacing the triangles with carets. For us to do that, we need to use CISIS **gizmo** technology. Gizmo technology makes it possible to create a database with just two fields. We need to create a small database with one record with two fields; **field 1** which will have the 'from' value (▼) and **field 2** will have the 'to' value (^), which will make CISIS to change all input-characters of v1 into the value of v2.

To create such a database type the below mx command in the command line:

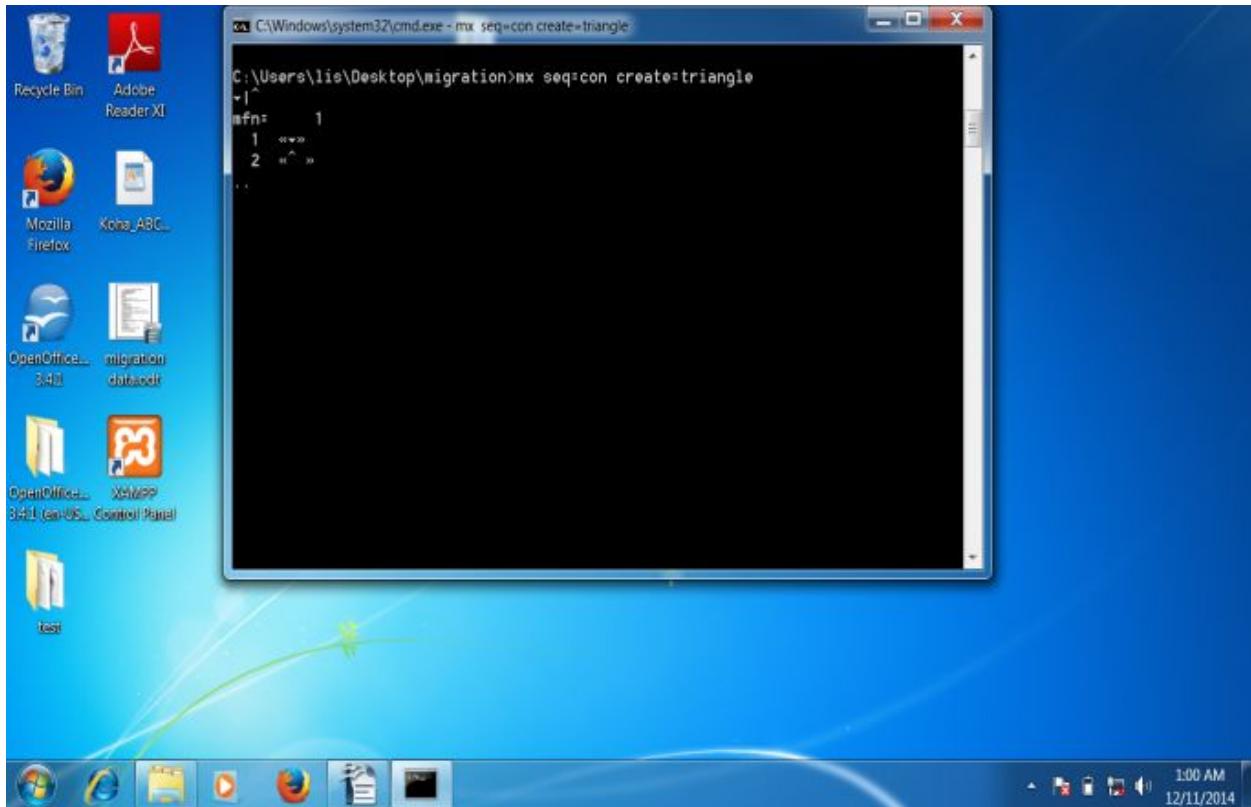
**mx seq=con create=triangle**



In this command, mx will take the 'con'-sole (keyboard) as input-text file and create the database called **triangle**. After which you have to type or copy the following three characters ▼|^ from this manual and paste them where the cursor is and press enter.



You have created a gizmo database with two fields that we will use to remove triangles from our records and replace them with carets. In this gizmo, the 'pipe' (|) is the default field-separator for text-files in CISIS and the triangle (▼) which is field 1 will be replaced by caret (^) from field 2; the characters used in all ISIS databases then becomes the value of the second field.



If you are doing the correct thing, you will see a newly created database with two fields followed by the prompt. Type **x** to exit. If you check your working folder, you will discover that mx has created two more files called **triangle.mst** and **triangle.xrf**. These are master and cross-reference files that constitute your gizmo database called triangle.

## 2.5 STEP FIVE: **Replacing Triangles with Carets and converting UTF-8 to ANSI**

The next step is to use the triangle database that we have created in gizmo to replace triangles in koha.marc database with carets. We need also to convert our data set from UTF-8 to ANSI because the current version of ABCD uses ANSI. We use the following command to achieve these two things:

```
mx iso=marc=koha.mrc gizmo=triangle gizmo=gUTF8ans create=marc now -all
```

This command asks mx to load the special 'marc'-iso file named koha.mrc, apply the triangle substitution using the first gizmo and convert the UTF8 to ANSI encoding using the second gizmo; and create the output-records in a new database called 'marc'. The **now -all** at the end of statement tells mx to process data now without displaying it one by one. If you remove the **now -all**, mx will be displaying the data it creates and it will be slow.

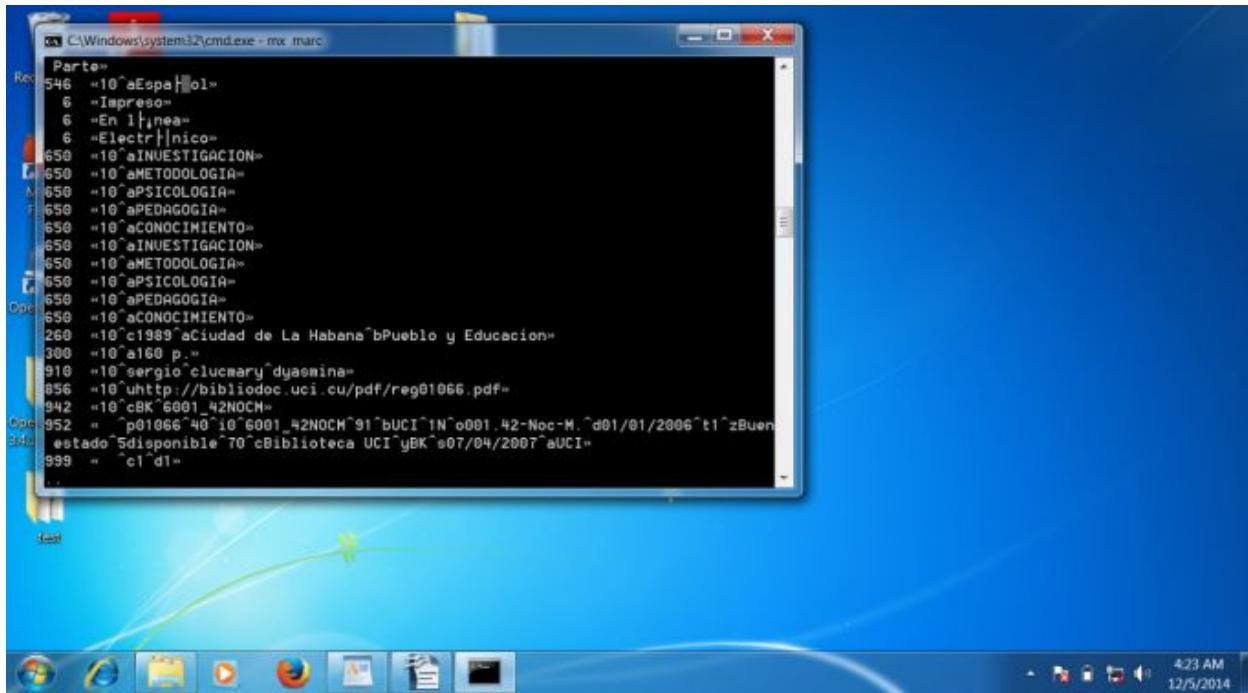
When you press enter, you may receive a fatal error saying **gUTF8ans.xrf** is missing. To solve this problem, you need to get the two files namely

**UTF8ANS.xrf** and **UTF8ANS.mst**. These two files should be created from the text-file listed in the Annex, saved as a file 'gUTF8ans.iso' and converted to an ISIS database (mst and xrf) with the command :

```
Mx iso=gUTF8ans.iso create=gUTF8ans now -all
```

Having corrected the situation, type or retrieve your command **mx iso=marc=koha.mrc gizmo=triangle gizmo=gUTF8ans create=marc now -all**

When you place enter this time, you will not see any errors; implying that you have cleaned your data and converted to ANSI and a new database called marc has been created. You can check this by typing in the command line **mx marc**, you will see that the triangles have been replaced with carets and your dataset is in ANSI



## 2.6 STEP SIX: **Creation of an ISO file**

You need now to create an ISO file from your clean database called **marc** which will be used to import into ABCD database. You need to execute one more command to achieve this.

**mx marc iso=marc.iso outisotag1=3000 now -all**

In this statement, we are telling mx to convert a database called **marc** (that we have created with carets and ANSI format) to an ISO database called **marc.iso**.

**mx marc iso= marc.iso now -all**

The parameter outisotag1=3000 indicates to mx to preserve the MARC-leader fields and put them into the range of field-tags starting at 3000 (meaning field 5 becomes 3005 etc.).

## 2.7 STEP SEVEN:**Creation of a database in ABCD**

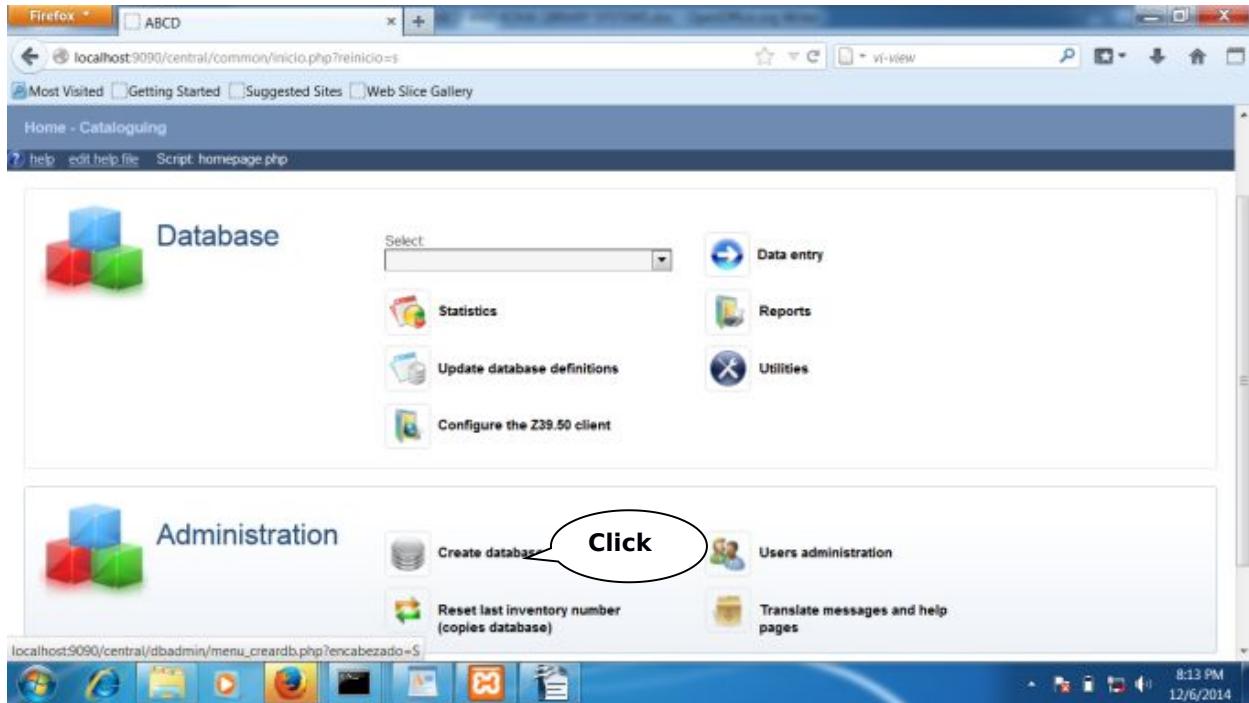
Having created an ISO file of your Koha database which you have named **marc.iso**, you need to go to ABCD and create a database where you will import the ISO database. There are two ways to create a database in ABCD;

creating a database from other exiting database

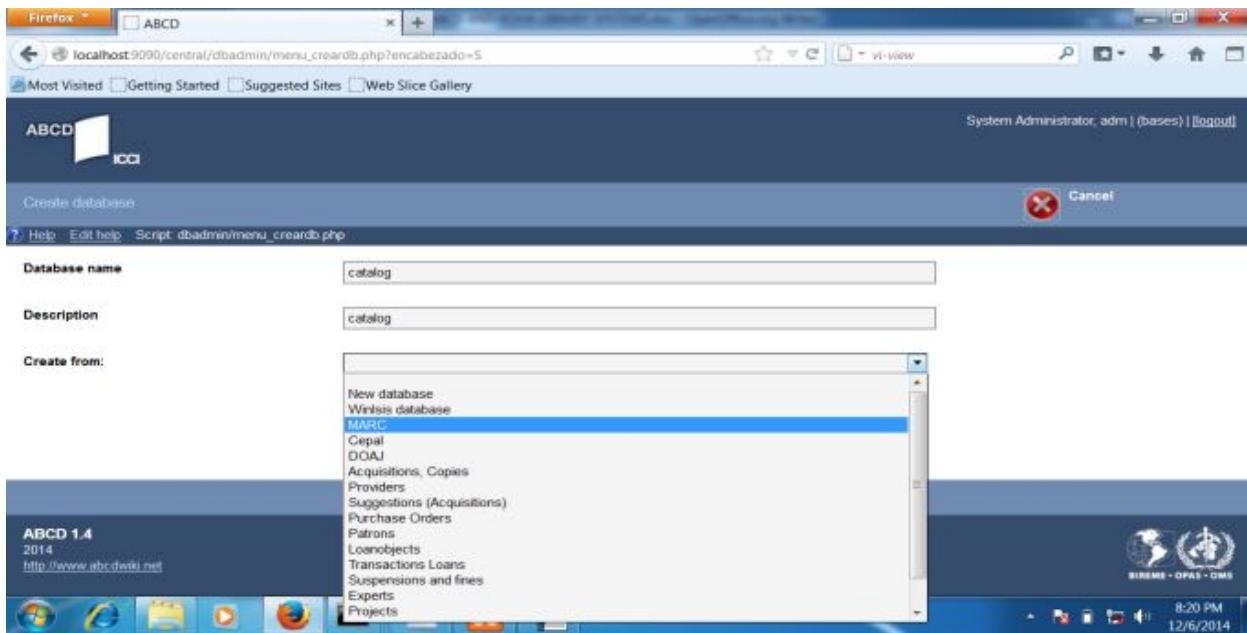
creating a complete new database.

The two methods have their own advantages and disadvantages. Creating a database from already existing database gives you an opportunity to use other defined parameters of the other database. In short, your new database inherits the features and definitions of the database you are using to create it. You will therefore avoid to do things like the **data definition table**, **field selection table**, **print format table** etc as these we will be borrowed from another database. This is a quickest way to create a database. On the other hand, if you decide to create a database from scratch, you need to have sufficient knowledge of ISIS technology on which ABCD is based and it will take a lot of time for you to finish.

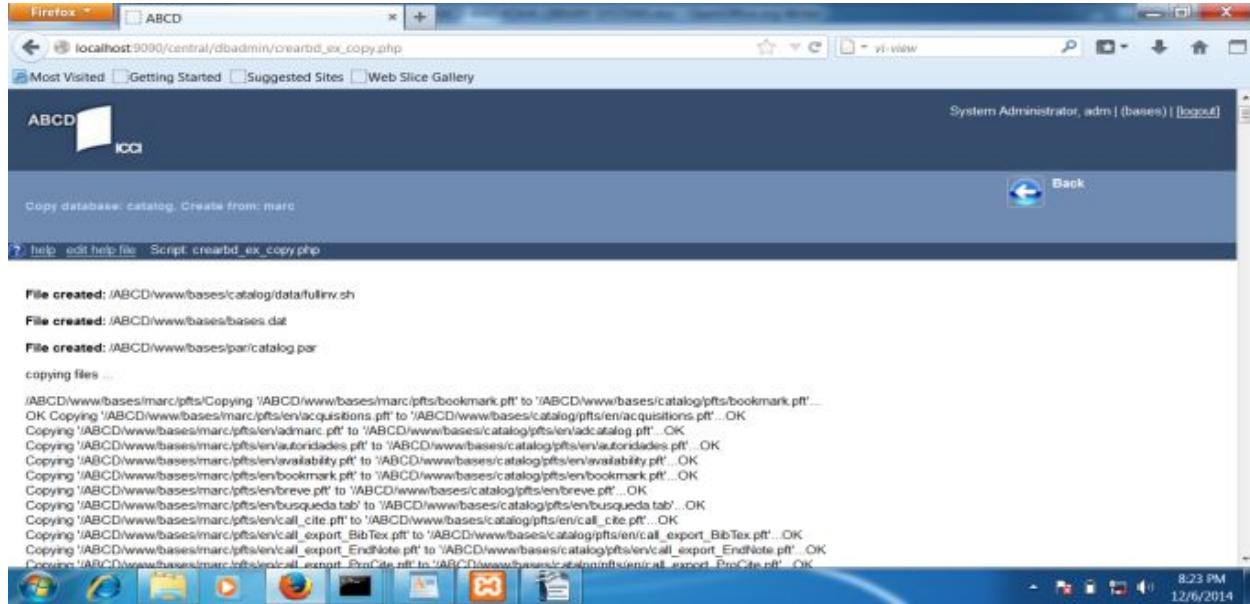
In this demonstration, we will create a database using an already existing database. So I will log on to ABCD. My user name is **abcd** and password is **adm**.



Once logged in, I will click the icon **create database**, a new window will open where I will define a new database. Let us call this database **catalog** and I use a MARC database as a database from which I will create the new catalog database from as shown below:



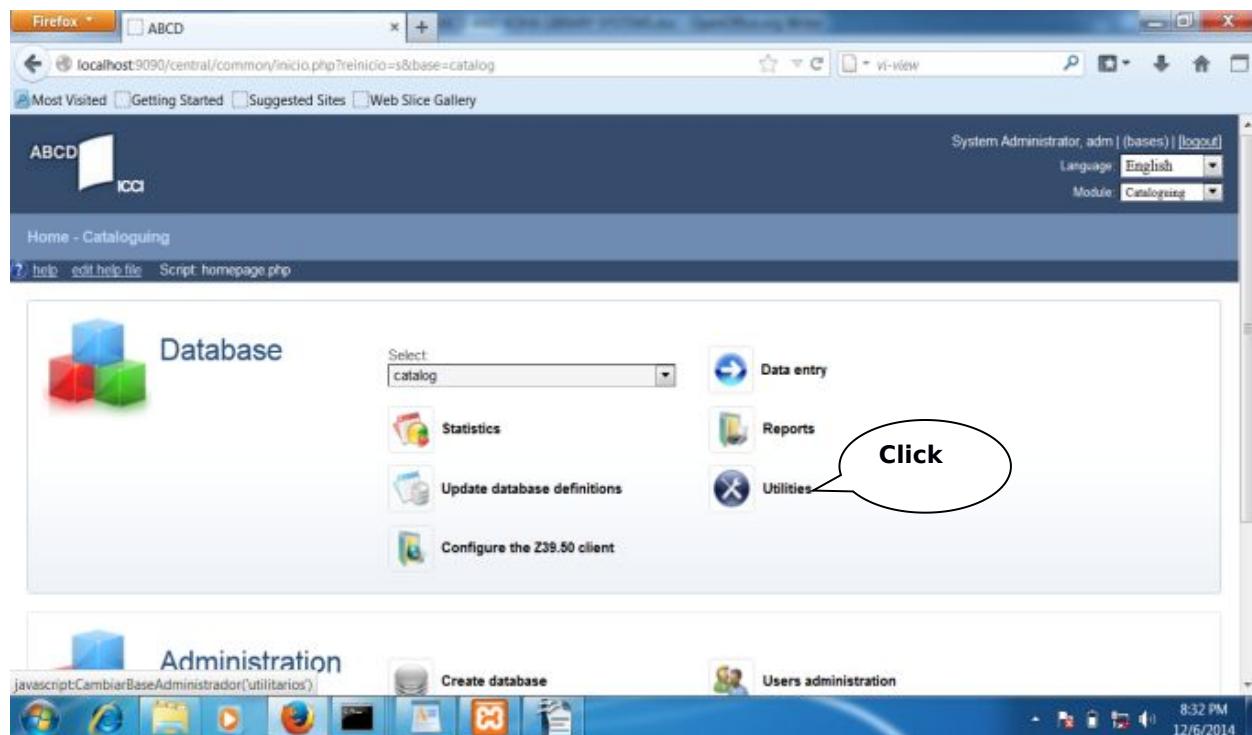
Thereafter, click on **continue** and the database is created; inheriting the features of MARC database as show below:



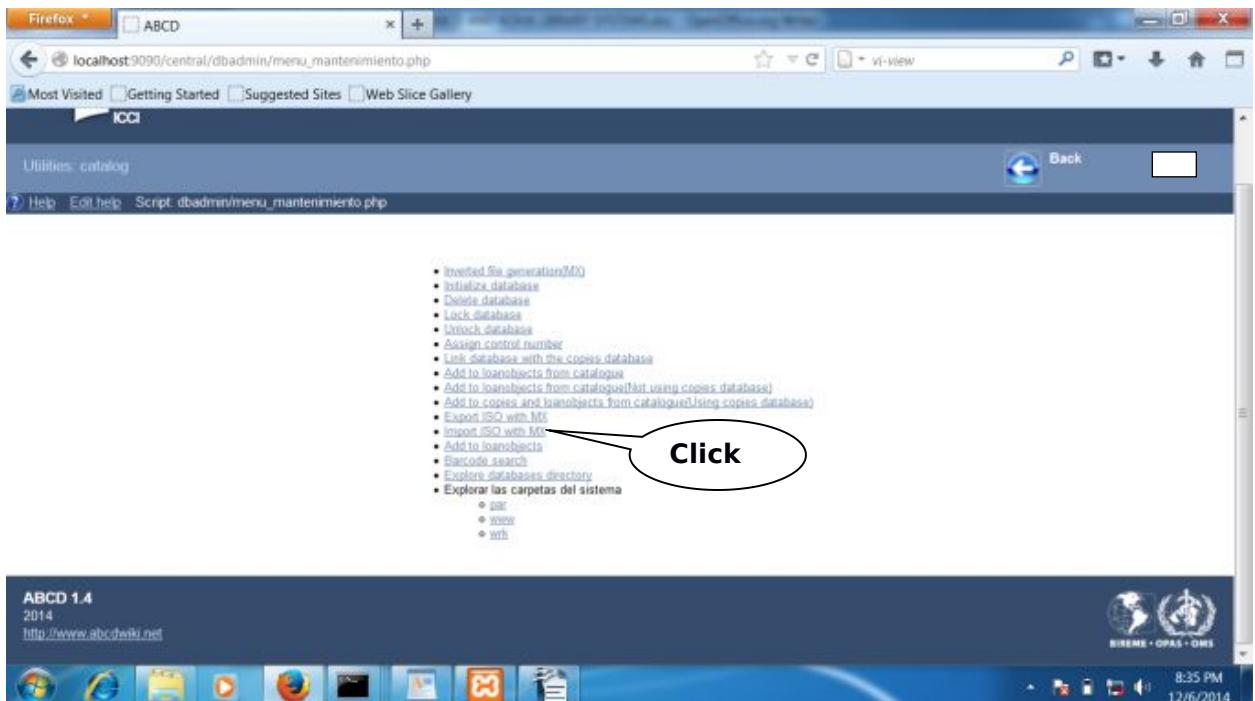
Having successfully created a database, click on **back** button and go to the **Home page** of ABCD. Choose the newly created database (**catalog**) and click on **data entry** to check on its records. You will see that the database is empty as it has **MFN: 0**.

## 2.8 STEP EIGHT: Importing an ISO file into ABCD database

We have created an empty database; we need now to populate it with our records. To do this, go back to the **Home page** of ABCD, choose the new database called **catalog** and click on **utilities**. **Note:** The new ABCD (1.4) has a tool called utilities which you can use do a lot of things including importing and exporting of databases.



In the window that will open, click on **import iso with MX**, a new window will open to allow you to upload your ISO database.



Browse for your ISO database, find and click it. Remember that our ISO database was called **marc.iso**. That is the one we will import into ABCD database called catalog. Other files will remain in the working folder. **Note** that in the box called **operation**, you need to choose the option **create** not **append** as append is used when you are adding records to an already existing database. Thereafter click on **start**, your database will be imported into the ABCD database called **catalog**.

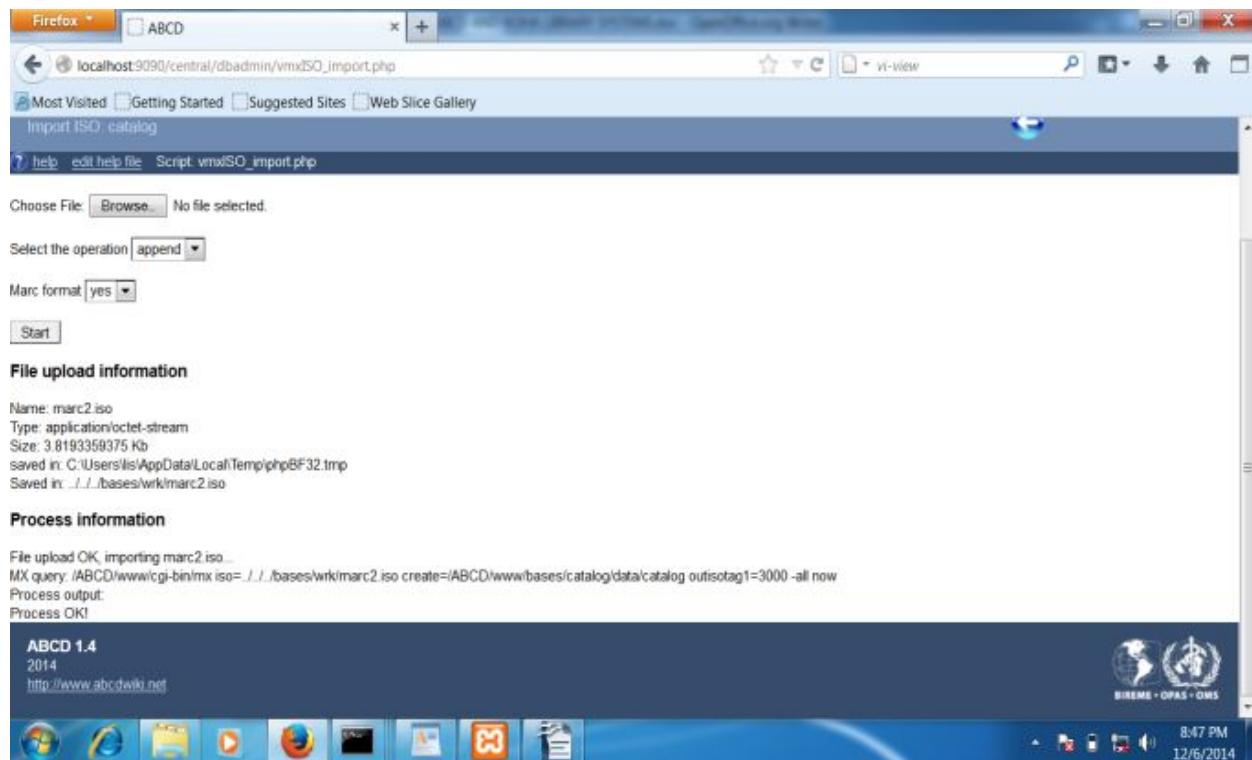
The option to preserve the MARC-leader fields (with tags above 999) should be active.

This action then will be equivalent to issuing the command (in the CLI) :

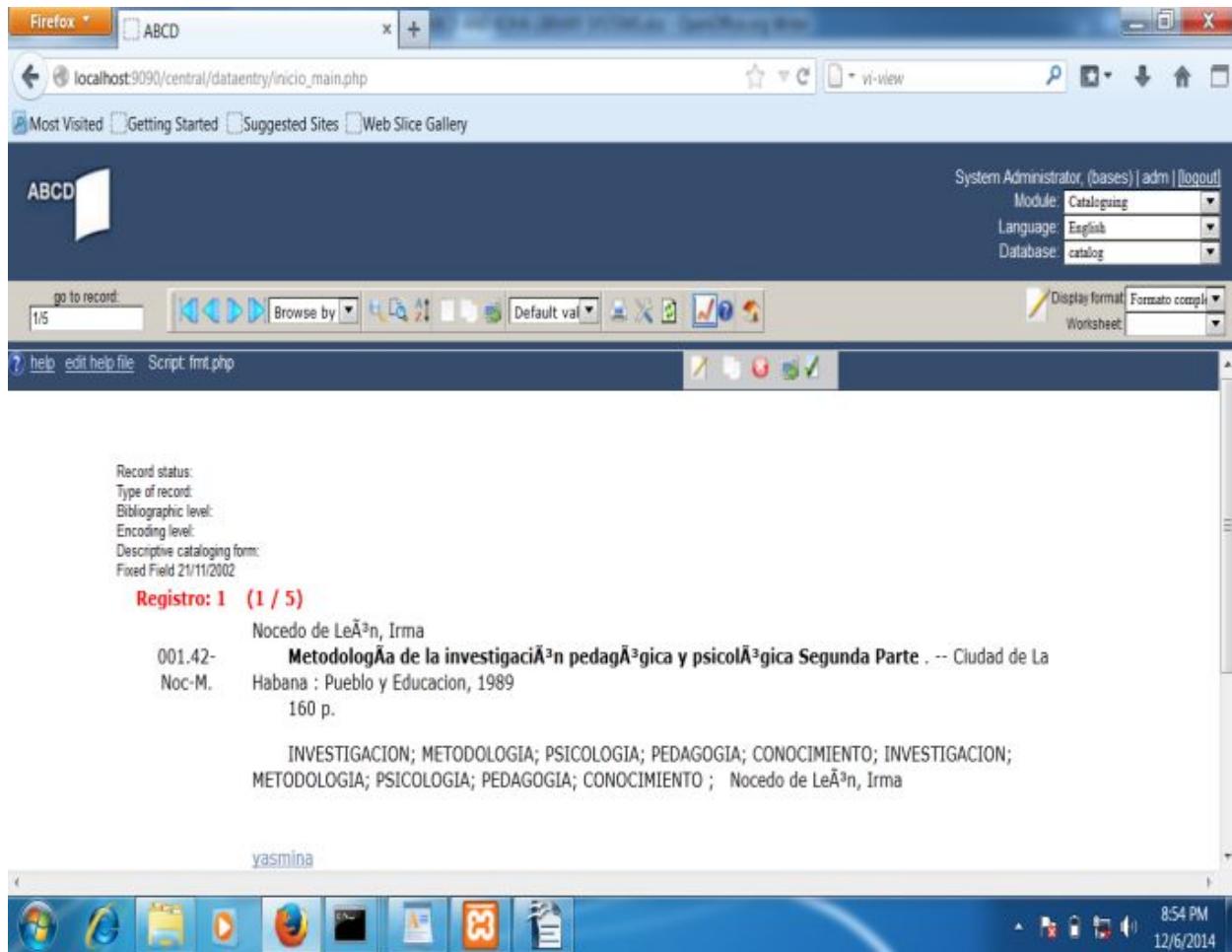
```
mx iso=marc.iso isotag1=3000 create=marc now -all
```

The screenshot shows the ABCD 1.4 software interface running in a Firefox browser window. The title bar reads "Firefox - ABCD". The main content area displays the "Import ISO catalog" screen. At the top left is the ABCD logo (a white 'A' inside a blue square). To its right is the ICCI logo (a white 'C' inside a blue square). On the right side of the header, it says "System Administrator, adm | (bases) | [logout]". Below the header, there's a navigation menu with links: "Import ISO catalog" (highlighted in blue), "back", "? help", "edit help file", and "Script: vmxISO\_import.php". The main form has fields for "Choose File" (with a "Browse..." button and a message "No file selected."), "Select the operation" (with a dropdown menu currently set to "create"), "Marc format" (with a dropdown menu currently set to "yes"), and a "Start" button. A message "No file chosen yet" is displayed below the file selection field. At the bottom of the window, there's a footer with the text "ABCD 1.4", the year "2014", the website "http://www.abcdwiki.net", and logos for SIRME, OPAS, and OMS. The Windows taskbar at the bottom shows icons for various applications like Internet Explorer, File Explorer, and Mozilla Firefox.

If the importation was successful, you will not see any errors as shown below:



Having imported the database, you need to back to the **Home page** and click on data entry again and check the results of your importation. You will see **MFN:5**. This means that you have successfully imported 5 records. If the database was big, you would have seen many records. You can browse through and check the records but I'm afraid, these records are in Spanish which I cannot read.



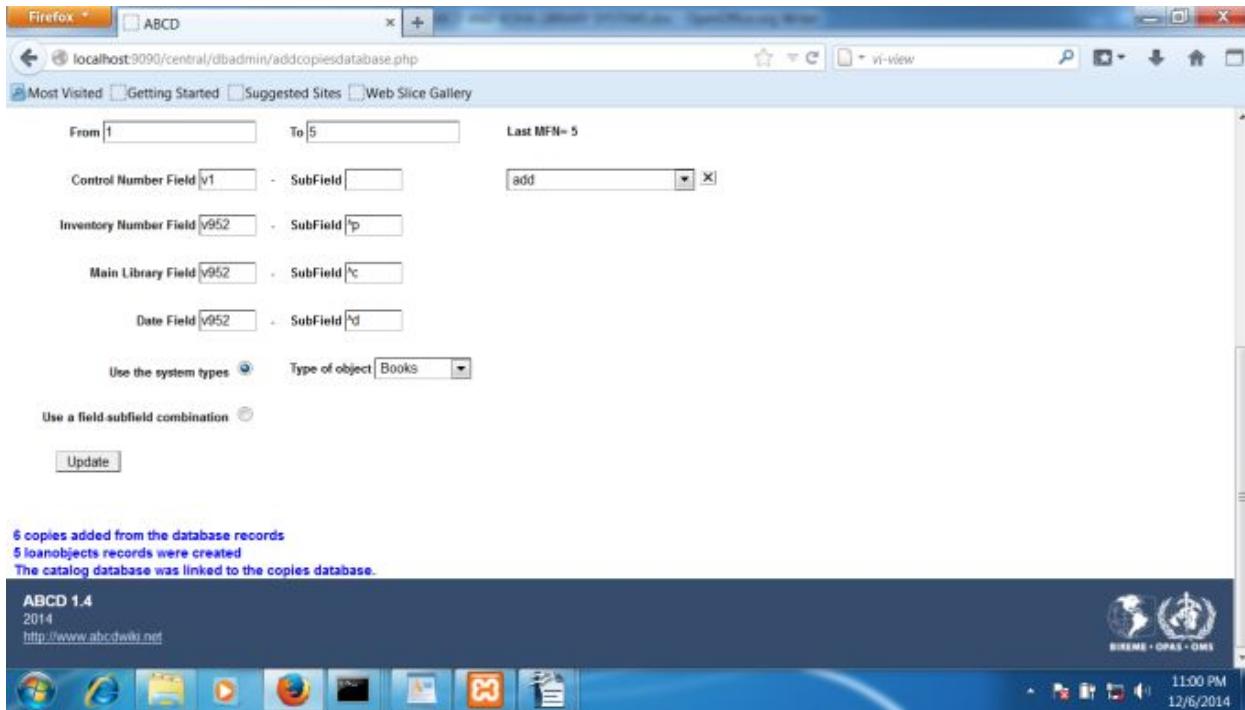
## 2.9 STEP NINE: **Creation of copies and loan objects**

If you have been using ABCD, you should by now know that creation of a record is not an end in itself. You need to perform two further steps; namely creation of copies and loan objects. What do I mean by creation of copies and loan objects? What we have imported so far are just catalog records or 'titles'; they are not copies neither loan objects. Records just describe the information resources but we need to create the actual copies. In fact you may find that one record has many copies. This is the reason we need to create the actual copies. We need to also create loan objects if the copies are going to be available for circulation among our users. To do this, we need to go back to the **Home page**, click on **utilities** and choose **Add to copies and loan objects from the catalog**. In the

window that will open, you need to set some parameters. You need to add some essential field numbers that were in the initial old database. You need therefore to know the structure of the database you are migrating. If you cannot remember the MARC field numbers of the major fields, you can go back to your working folder and run **mx** on that raw MARC Koha database and write down the main fields and their numbers.

The screenshot shows a Firefox browser window with the address bar displaying "localhost:9090/central/dbadmin/addcopiesdatabase.php". The page content is a form titled "Database catalog" for managing copy links between a catalogue database and a copies database. The form includes fields for "From" (set to 1), "To" (set to 5), and "Last MFN= 5". It also contains sections for "Control Number Field" (v1), "Inventory Number Field" (v952), "Main Library Field" (v952), and "Date of arrival Field" (v952). Each section has a "SubField" dropdown menu. The "Control Number Field" dropdown shows "Date of arrival" selected. The "Inventory Number Field" dropdown shows "v952" selected. The "Main Library Field" dropdown shows "v952" selected. The "Date of arrival Field" dropdown shows "v952" selected. There are also checkboxes for "Use the system types" (selected) and "Type of object" (set to "Books"). Below the form is a note: "In any case the catalogue database will be linked to the copies database." At the bottom left is an "Update" button, and at the bottom right is a status bar showing "10:52 PM 12/6/2014".

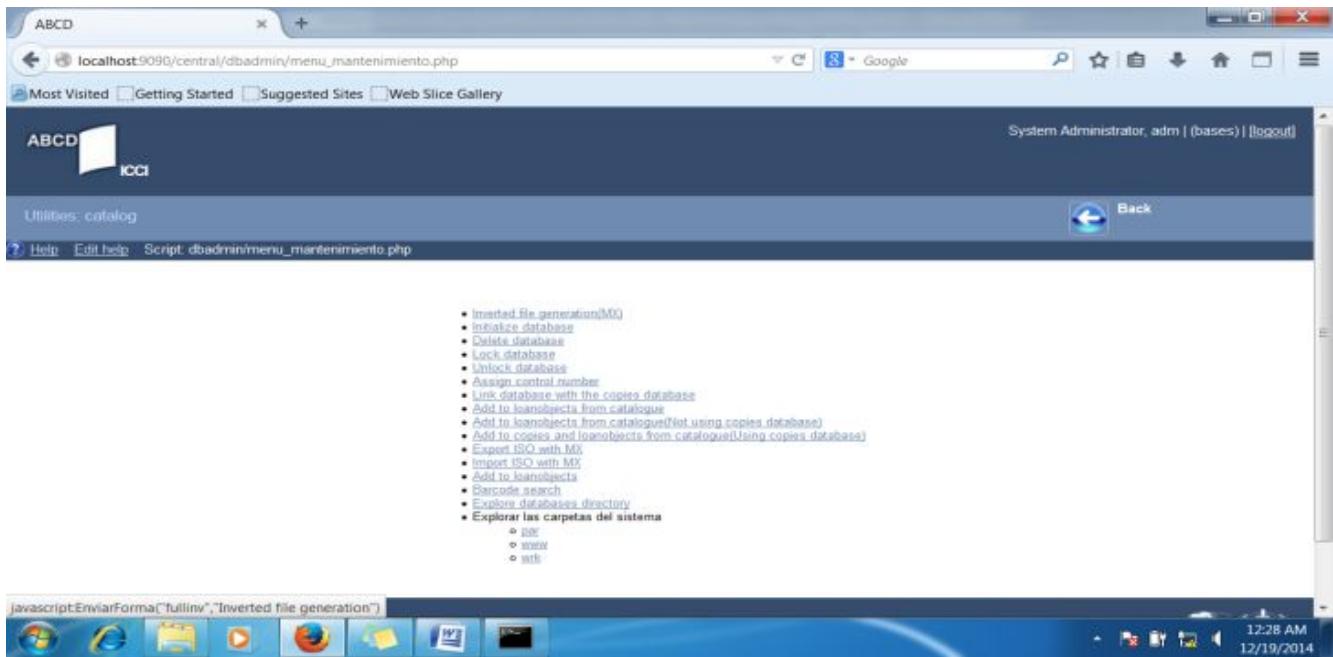
In the above screen shot, I have added some fields and their specific field numbers, derived from the analysis of the Koha MARC-export and showing that copies-info is available there in v952. You need also to do this for your database. However, your fields' selection might be different from mine. Having filled in the above form, you can click the **update** button and the copies and loan objects will be created.



In the screen shot above, six copies are said to have been added to the database and 5 loan objects.

## 2.10 STEP TEN: **Indexing of the database** (creating inverted file)

The last stage in the migration process is indexing. You need to index the newly created database if it has to be searched by library staff and users in the OPAC (iAH). The new version of ABCD (1.4) provides for quick indexing. To index, the database, go to the **Home page**, and choose the database to index, in this case is catalog database and then click on **utilities**. In utilities, choose **Inverted file generation (MX)**.



Your database, even if big it maybe will be indexed in matter of seconds or minutes, and the index will be created that allows you to search it even on ABCD site and iAH. This is how a Koha database is migrated into ABCD. You can confirm by trying to search for loan objects and perform some circulation operations.

## ANNEX : UTF8 to ANSI conversion ISO-file for gizmo

0017800000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051000500024052001000029101000500039#c280#128#hex#128#asc#EUR  
O#Euro Sign#0080##  
00193000000000121000450000100050000002000400005010003000901100040001201200040  
0016021000400020050004200024101000500066#c281#129#81#hex#129#asc#fonte desconhec  
ida provavelmente Internet#0081##  
00228000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051003700024052002800061101000500089#c282#130#82#hex#130#asc#apo  
strofe tipografica esquerda baixa#single low-9 quotation mark#0082##  
00213000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051001000024052004000034101000500074#c283#131#83#hex#131#asc#fun  
cao de#florin (Latin small letter f with hook)#0083##  
00224000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051003300024052002800057101000500085#c284#132#84#hex#132#asc#asp  
as tipografica esquerda baixa#double low-9 quotation mark#0084##  
00190000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051000700024052002000031101000500051#c285#133#85#hex#133#asc#ell  
pse#horizontal ellipsis#0085##  
00181000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051000600024052001200030101000500042#c286#134#86#hex#134#asc#ada  
ga#dagger mark#0086##  
00194000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051001200024052001900036101000500055#c287#135#87#hex#135#asc#ada  
ga dupla#double dagger mark#0087##  
00210000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051001900024052002800043101000500071#c288#136#88#hex#136#asc#ace  
nto circunflexo#letter modifying circumflex#0088##  
00185000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051000700024052001500031101000500046#c289#137#89#hex#137#asc#per  
mil#per mille sign#0089##  
00204000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051002500024052001600049101000500065#c28a#138#8A#hex#138#asc#S m  
aiusculo acento caron#capital S caron#008A##  
00215000000000133000450000100050000002000400005010003000901100040001201200040  
0016021000400020051002300024052002900047101000500076#c28b#139#8B#hex#139#asc#mar  
ca angular esquerda#left single angle quote mark#008B##

0020500000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002200024052002000046101000500066#c28c#140#hex#140#asc#lig  
adura OE maiuscula#capital OE ligature#008C##  
  
001930000000001210004500010005000000200040005010003000901100040001201200040  
0016021000400020050004200024101000500066#c28d#141#8D#hex#141#asc#fonte desconhec  
ida provavelmente Internet#008D##  
  
001850000000001210004500010005000000200040005010003000901100040001201200040  
0016021000400020052003400024101000500058#c28e#142#8E#hex#142#asc#Latin CAPITAL\_I  
etter Z with caron#008E##  
  
001930000000001210004500010005000000200040005010003000901100040001201200040  
0016021000400020050004200024101000500066#c28f#143#8F#hex#143#asc#fonte desconhec  
ida provavelmente Internet#008F##  
  
001930000000001210004500010005000000200040005010003000901100040001201200040  
0016021000400020050004200024101000500066#c290#144#90#hex#144#asc#fonte desconhec  
ida provavelmente Internet#0090##  
  
00226000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051003600024052002700060101000500087#c291#145#91#hex#145#asc#apo  
strofe tipografica esquerda alta#left single quotation mark#0091##  
00226000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051003500024052002800059101000500087#c292#146#92#hex#146#asc#apo  
strofe tipografica direita alta#right single quotation mark#0092##  
  
00217000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002700024052002700051101000500078#c293#147#93#hex#147#asc#asp  
as tipografica esquerda#left double quotation mark#0093##  
00217000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002600024052002800050101000500078#c294#148#94#hex#148#asc#asp  
as tipografica direita#right double quotation mark#0094##  
  
00206000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051001400024052002900038101000500067#c295#149#95#hex#149#asc#pon  
to central#round filled bullet (Bullet)#0095##  
00187000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051001600024052000800040101000500048#c296#150#96#hex#150#asc#tra  
vessao curto#en dash#0096##  
  
00187000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051001600024052000800040101000500048#c297#151#97#hex#151#asc#tra  
vessao longo#em dash#0097##  
  
00193000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051000400024052002600028101000500054#c298#152#98#hex#152#asc#til  
#small spacing tilde accent#0098##

0019100000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051001700024052001100041101000500052#c299#153#99#hex#153#asc#mar  
ca registrada#trade mark#0099#  
  
00202000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002500024052001400049101000500063#c29a#154#9A#hex#154#asc#s m  
inusculo acento caron#small s caron#009A#  
  
00219000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002200024052003400046101000500080#c29b#155#9B#hex#155#asc#mar  
ca angular direita#right angle single quotation mark#009B#  
  
00203000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002200024052001800046101000500064#c29c#156#9C#hex#156#asc#lig  
adura oe minuscula#small oe ligature#009C#  
  
001930000000001210004500010005000000200040005010003000901100040001201200040  
001602100040002005000420024101000500066#c29d#157#9D#hex#157#asc#fonte desconhec  
ida provavelmente Internet#009D#  
  
001830000000001210004500010005000000200040005010003000901100040001201200040  
0016021000400020052003200024101000500056#c29e#158#9E#hex#158#asc#Latin small let  
ter z with caron#009E#  
  
00207000000000133004500010005000000200040005010003000901100040001201200040  
0016021000400020051002400024052002000048101000500068#c29f#159#9F#hex#159#asc#Y m  
aisuculo acento tremra#capital Y diaeresis#009F#  
  
00218000000000145004500010005000000200040005010003000901100040001201200040  
0016021000400020041000700024051002100031052001500052101000500067#c2a0#160#A0#hex  
#160#asc#&#160;#Espaco nao divisivel#No-Break Space#00A0#  
  
00229000000000145004500010005000000200040005010003000901100040001201200040  
0016021000400020041000700024051002100031052002600052101000500078#c2a1#161#A1#hex  
#161#asc#&#161;#Exclamacao invertida#Inverted Exclamation Mark#00A1#  
  
00201000000000145004500010005000000200040005010003000901100040001201200040  
0016021000400020041000700024051000900031052001000040101000500050#c2a2#162#A2#hex  
#162#asc#&#162;#Centavos#Cent Sign#00A2#  
  
00200000000000145004500010005000000200040005010003000901100040001201200040  
0016021000400020041000700024051000700031052001100038101000500049#c2a3#163#A3#hex  
#163#asc#&#163;#Libras#Pound Sign#00A3#  
  
00212000000000145004500010005000000200040005010003000901100040001201200040  
0016021000400020041000700024051001600031052001400047101000500061#c2a4#164#A4#hex  
#164#asc#&#164;#Valor monetario#Currency Sing#00A4#  
  
00196000000000145004500010005000000200040005010003000901100040001201200040  
0016021000400020041000700024051000500031052000900036101000500045#c2a5#165#A5#hex  
#165#asc#&#165;#Yene#Yen Sing#00A5#

002160000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051002300031052001100054101000500065#c2a6#166#A6#hex  
#166#asc##166;#Barra vertical partida#Broken Bar#00A6#  
  
0020200000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051000700031052001300038101000500051#c2a7#167#A7#hex  
#167#asc##167;#Seccao#Section sign#00A7#  
  
0019800000000014500045000100050000002000400005010003000901100040001201200040  
001602100040002004100070002405100060003105200100037101000500047#c2a8#168#A8#hex  
#168#asc##168;#Trema#Diaeresis#00A8#  
  
0020700000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051001000031052001500041101000500056#c2a9#169#A9#hex  
#169#asc##169;#Copyright#Copyright Sing#00A9#  
  
0022600000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051001700031052002700048101000500075#c2aa#170#AA#hex  
#170#asc##170;#Ordinal feminino#Feminine Ordinal Indicator#00AA#  
  
0026600000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051004200031052004200073101000500115#c2ab#171#AB#hex  
#171#asc##171;#Left-Pointing Double Angle Quotation Mark#Left-Pointing Double A  
ngle Quotation Mark#00AB#  
  
0019500000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051000400031052000900035101000500044#c2ac#172#AC#hex  
#172#asc##172;#Not#Not Sign#00AC#  
  
0020600000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051001200031052001200043101000500055#c2ad#173#AD#hex  
#173#asc##173;#Soft Hyphen#Soft Hyphen#00AD#  
  
0021500000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051001700031052001600048101000500064#c2ae#174#AE#hex  
#174#asc##174;#Marca registrada#Registered Sing#00AE#  
  
0019600000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051000700031052000700038101000500045#c2af#175#AF#hex  
#175#asc##175;#Macron#Macron#00AF#  
  
0020000000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051000600031052001200037101000500049#c2b0#176#B0#hex  
#176#asc##176;#Graus#Degree Sign#00B0#  
  
0021200000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051001400031052001600045101000500061#c2b1#177#B1#hex  
#177#asc##177;#Mais ou Menos#Plus-Minus Sing#00B1#  
  
0022300000000014500045000100050000002000400005010003000901100040001201200040  
0016021000400020041000700024051002500031052001600056101000500072#c2b2#178#B2#hex

#178#asc#²,#Elevado ao quadrado dois#Superscript Two#00B2##  
00216000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001600031052001800047101000500065#c2b3#179#B3#hex

#179#asc#³,#Elevado ao cubo#Superscript Three#00B3##  
00208000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001300031052001300044101000500057#c2b4#180#B4#hex

#180#asc#´,#Acento agudo#Acute Accent#00B4##  
001990000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051000600031052001100037101000500048#c2b5#181#B5#hex

#181#asc#µ,#Micro#Micro Sing#00B5##  
002050000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001000031052001300041101000500054#c2b6#182#B6#hex

#182#asc#¶,#Paragrafo#Pilcrow Sign#00B6##  
002070000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001400031052001100045101000500056#c2b7#183#B7#hex

#183#asc#·,#Ponto central#Middle Dot#00B7##  
00198000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051000800031052000800039101000500047#c2b8#184#B8#hex

#184#asc#¸,#Cedilha#Cedilla#00B8##  
002170000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001900031052001600050101000500066#c2b9#185#B9#hex

#185#asc#¹,#Elevado a primeira#Superscript One#00B9##  
002280000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001800031052002800049101000500077#c2ba#186#BA#hex

#186#asc#º,#Ordinal masculino#Masculine Ordinal Indicator#00BA##  
002200000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001000031052002800041101000500069#c2bb#188#BC#hex

#188#asc#¼,#Um quarto#Vulgar Fraction One Quarter#00BC##  
002680000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051004300031052004300074101000500117#c2bc#187#BB#hex

#187#asc#»,#Right-Pointing Double Angle Quotation Mark#Right-Pointing Double  
Angle Quotation Mark#00BB##  
002120000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051000500031052002500036101000500061#c2bd#189#BD#hex

#189#asc#½,#Meio#Vulgar Fraction One Half#00BD##  
002260000000001450004500010005000000200040000501000030000901100040001201200040  
001602100040002004100070024051001300031052003100044101000500075#c2be#190#BE#hex

#190#asc#¾,#Tres quartos#Vulgar Fraction Three Quarters#00BE##  
002280000000001450004500010005000000200040000501000030000901100040001201200040

#191#asc#¿,#Interrogacao invertida#Inverted Question Mark#00BF##

0024100000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003400056101000500090#c380#192#C0#hex

#192#asc#À,#A maiúsculo acento grave#Latin Capital Letter A with Grave#00C0#

#

0024100000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003400056101000500090#c381#193#C1#hex

#193#asc#Á,#A maiusculo acento agudo#Latin Capital Letter A with Acute#00C1#

#

0025200000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051003100031052003900062101000500101#c382#194#C2#hex

#194#asc#Â,#A maiuscuso acento circunflexo#Latin Capital Letter A with Circumflex#00C2#

mflex#00C2#

0023900000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002300031052003400054101000500088#c383#195#C3#hex

#195#asc#Ã,#A maiusculo acento til#Latin Capital Letter A with Tilde#00C3##

0024500000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003800056101000500094#c384#196#C4#hex

#196#asc#Ä,#A maiusculo acento trema#Latin Capital Letter A with Diaeresis#0

0C4##

0021900000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002400031052003900055101000500094#c385#197#C5#hex

#197#asc#Å,#A maiusculo acento anel#Latin Capital Letter A with Ring Above#0

0C5##

0021900000000014500045000010005000000200040000501000030000901100040001201200040

001602100040002004100070002405100130003105200240004101000500068#c386#198#C6#hex

#198#asc#Æ,#AE maiuscuso#Latin Capital Letter AE#00C6##

0023800000000014500045000010005000000200040000501000030000901100040001201200040

001602100040002004100070002405100200031052003600051101000500087#c387#199#C7#hex

#199#asc#Ç,#C cedilha maiuscuso#Latin Capital Letter C with Cedilla#00C7##

0024100000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003400056101000500090#c388#200#C8#hex

#200#asc#È,#E maiuscuso acento grave#Latin Capital Letter E with Grave#00C8#

#

0024100000000014500045000010005000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003400056101000500090#c389#201#C9#hex

#201#asc#É,#E maiuscuso acento aquido#Latin Capital Letter E with Acute#00C9#

```

00252000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051003100031052003900062101000500101#c38a#202#CA#hex
#202#asc#&#202;#E maiusculo acento circunflexo#Latin Capital Letter E with Circu
mflex#00CA##

00245000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003800056101000500094#c38b#203#CB#hex
#203#asc#&#203;#E maiusculo acento trema#Latin Capital Letter E with Diaeresis#0

0CB##

00241000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c38c#204#CC#hex
#204#asc#&#204;#I maiusculo acento grave#Latin Capital Letter I with Grave#00CC#
#

00241000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c38d#205#CD#hex
#205#asc#&#205;#I maiusculo acento agudo#Latin Capital Letter I with Acute#00CD#
#

00252000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051003100031052003900062101000500101#c38e#206#CE#hex
#206#asc#&#206;#I maiusculo acento circunflexo#Latin Capital Letter I wiht Circu
mflex#00CE##

00245000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003800056101000500094#c38f#207#CF#hex
#207#asc#&#207;#I maiusculo acento trema#Latin Capital Letter I with Diaeresis#0

0CF##

00221000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051001400031052002500045101000500070#c390#208#D0#hex
#208#asc#&#208;#ETH maiusculo#Latin Capital Letter ETH#00D0# #

00239000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002300031052003400054101000500088#c391#209#D1#hex
#209#asc#&#209;#N maiusculo acento til#Latin Capital Letter N with Tilde#00D1##

00241000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c392#210#D2#hex
#210#asc#&#210;#O maiusculo acento grave#Latin Capital Letter O wiht Grave#00D2#
#

00241000000001450004500010005000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c393#211#D3#hex
#211#asc#&#211;#O maiusculo acento agudo#Latin Capital Letter O with Acute#00D3#
#

00252000000001450004500010005000000200040000501000030000901100040001201200040

```

```

001602100040002004100070002405100310031052003900062101000500101#c394#212#D4#hex
#212#asc#Ô#O maiusculo acento circunflexo#Latin Capital Letter O with Circu
mflex#00D4##

0023900000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002300031052003400054101000500088#c395#213#D5#hex
#213#asc#Õ#O maiusculo acento til#Latin Capital Letter O wiht Tilde#00D5##

0024600000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003900056101000500095#c396#214#D6#hex
#214#asc#Ö#O maiusculo acento trema#Latin Capital Letter O wiht Diaeresdis#
00D6##

0021600000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051001400031052002000045101000500065#c397#215#D7#hex
#215#asc#×#Multiplicacao#Multiplication sign#00D7##

0023900000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002200031052003500053101000500088#c398#216#D8#hex
#216#asc#Ø#O maiusculo com barra#Latin Capital Letter O with Stroke#00D8##

0024100000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c399#217#D9#hex
#217#asc#Ù#U maisuculo acento grave#Latin Capital Letter U with Grave#00D9#
#

0024100000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c39a#218#DA#hex
#218#asc#Ú#U maiusculo acento agudo#Latin Capital Letter U with Acute#00DA#
#

0025200000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051003100031052003900062101000500101#c39b#219#DB#hex
#219#asc#Û#U maiusculo acento circunflexo#Latin Capital Letter U with Circu
mflex#00DB##

0024500000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003800056101000500094#c39c#220#DC#hex
#220#asc#Ü#U maiusculo acento trema#Latin Capital Letter U with Diaeresis#0
0DC##

0024100000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051002500031052003400056101000500090#c39d#221#DD#hex
#221#asc#Ý#Y maiusculo acento agudo#Latin Capital Letter Y with Acute#00DD#
#

0022500000000014500045000100050000000200040000501000030000901100040001201200040
0016021000400020041000700024051001600031052002700047101000500074#c39e#222#DE#hex
#222#asc#Þ#THORN maiusculo#Latin Capital Letter THORN#00DE##

```

00236000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002700031052002700058101000500085#c39f#223#DF#hex  
 #223#asc#ß#Latin Small Letter SHARP S#Latin Small Letter SHARP S#00DF##  
 00239000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3a0#224#E0#hex  
 #224#asc#à#a minusculo acento grave#Latin Small Letter a with Grave#00E0##  
 00239000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3a1#225#E1#hex  
 #225#asc#á#a minusculo acento agudo#Latin Small Letter a with Acute#00E1##  
 00250000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051003100031052003700062101000500099#c3a2#226#E2#hex  
 #226#asc#â#a minusculo acento circunflexo#Latin Small Letter a with Circumf  
 lex#00E2##  
 00237000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002300031052003200054101000500086#c3a3#227#E3#hex  
 #227#asc#ã#a minusculo acento til#Latin Small Letter a with Tilde#00E3##  
 00243000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002500031052003600056101000500092#c3a4#228#E4#hex  
 #228#asc#ä#a minusculo acento trema#Latin Small Letter a with Diaeresis#00E  
 4##  
 00243000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002400031052003700055101000500092#c3a5#229#E5#hex  
 #229#asc#å#a minusculo acento anel#Latin Small Letter a with Ring Above#00E  
 5##  
 00217000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051001300031052002200044101000500066#c3a6#230#E6#hex  
 #230#asc#æ#ae minusculo#Latin Small Letter ae#00E6##  
 00236000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002000031052003400051101000500085#c3a7#231#E7#hex  
 #231#asc#ç#c cedilha minusculo#Latin Small Letter c with Cedilla#00E7##  
 00239000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3a8#232#E8#hex  
 #232#asc#è#e minusculo acento grave#Latin Small Letter e with Grave#00E8##  
 00239000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3a9#233#E9#hex  
 #233#asc#é#e minusculo acento agudo#Latin Small Letter e with Acute#00E9##  
 00250000000000145000450001000500000020004000050100003000901100040001201200040  
 0016021000400020041000700024051003100031052003700062101000500099#c3aa#234#EA#hex  
 #234#asc#ê#e minusculo acento circunflexo#Latin Small Letter e with Circumf

lex#00EA##  
 002430000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002500031052003600056101000500092#c3ab#235#EB#hex  
 #235#asc#&#235;#e minusculo acento trema#Latin Small Letter e with Diaeresis#00E  
 B##  
 0023900000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3ac#236#EC#hex  
 #236#asc#&#236;#i minusculo acento grave#Latin Small Letter i with Grave#00EC##  
 002390000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3ad#237#ED#hex  
 #237#asc#&#237;#i minusculo acento agudo#Latin Small Letter i with Acute#00ED##  
 0025000000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051003100031052003700062101000500099#c3ae#238#EE#hex  
 #238#asc#&#238;#i minusculo acento circunflexo#Latin Small Letter i with Circumf  
 lex#00EE##  
 0024300000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002500031052003600056101000500092#c3af#239#EF#hex  
 #239#asc#&#239;#i minusculo acento trema#Latin Small Letter i with Diaeresis#00E  
 F##  
 0021900000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051001400031052002300045101000500068#c3b0#240#F0#hex  
 #240#asc#&#240;#Eth minusculo#Latin Small Letter ETH#00F0##  
 0023700000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002300031052003200054101000500086#c3b1#241#F1#hex  
 #241#asc#&#241;#n minusculo acento til#Latin Small Letter n with Tilde#00F1##  
 0023900000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3b2#242#F2#hex  
 #242#asc#&#242;#o minusculo acento grave#Latin Small Letter o with Grave#00F2##  
 0023900000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002500031052003200056101000500088#c3b3#243#F3#hex  
 #243#asc#&#243;#o minusculo acento agudo#Latin Small Letter o with Acute#00F3##  
 0025000000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051003100031052003700062101000500099#c3b4#244#F4#hex  
 #244#asc#&#244;#o minusculo acento circunflexo#Latin Small Letter o with Circumf  
 lex#00F4##  
 0023700000000014500045000100050000002000400005010003000901100040001201200040  
 0016021000400020041000700024051002300031052003200054101000500086#c3b5#245#F5#hex  
 #245#asc#&#245;#o minusculo acento til#Latin Small Letter o with Tilde#00F5##  
 0024300000000014500045000100050000002000400005010003000901100040001201200040

0016021000400020041000700024051002500031052003600056101000500092#c3b6#246#F6#hex

#246#asc#ö#o minusculo acento trema#Latin Small Letter o with Diaeresis#00F

6##

0020400000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052001400039101000500053#c3b7#247#F7#hex

#247#asc#÷,#Divisao#Division Sign#00F7##

0023700000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002200031052003300053101000500086#c3b8#248#F8#hex

#248#asc#ø#o minusculo com barra#Latin Small Letter o with Stroke#00F8##

0023900000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003200056101000500088#c3b9#249#F9#hex

#249#asc#ù,#u minusculo acento grave#Latin Small Letter u with Grave#00F9##

0023900000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003200056101000500088#c3ba#250#FA#hex

#250#asc#ú,#u minusculo acento agudo#Latin Small Letter u with Acute#00FA##

0025000000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051003100031052003700062101000500099#c3bb#251#FB#hex

#251#asc#û,#u minusculo acento circunflexo#Latin Small Letter u with Circumf

lex#00FB# #

0024300000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003600056101000500092#c3bc#252#FC#hex

#252#asc#ü,#u minusculo acento trema#Latin Small Letter u with Diaeresis#00F

C##

0023900000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003200056101000500088#c3bd#253#FD#hex

#253#asc#ý,#y minusculo acento agudo#Latin Small Letter y with Acute#00FD##

0022300000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051001600031052002500047101000500072#c3be#254#FE#hex

#254#asc#þ,#Thorn minusculo#Latin Small Letter THORN#00FE# #

0024300000000014500045000100050000000200040000501000030000901100040001201200040

0016021000400020041000700024051002500031052003600056101000500092#c3bf#255#FF#hex

#255#asc#ÿ,#y minusculo acento trema#Latin Small Letter y with Diaeresis#00F

F##

002450000000001450004500010005000000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c480#065#0100#h

ex#065#asc#Ā,#A maiusculo acento macron#Latin Capital Letter A with Macron#0

100##

002430000000001450004500010005000000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c481#097#0101#h

ex#097#asc#ā,#a minusculo acento macron#Latin Small Letter a with Macron#010

1##

0024300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c482#065#0102#h

ex#065#asc#Ă,#A maiusculo acento breve#Latin Capital Letter A with Breve#010

2##

0024100000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c483#097#0103#h

ex#097#asc#ă,#a minusculo acento breve#Latin Small Letter a with Breve#0103#

#

0024500000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c484#065#0104#h

ex#065#asc#Ą,#A maiusculo acento ogonek#Latin Capital Letter A with Ogonek#0

104##

0024500000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c485#097#0105#h

ex#097#asc#ą,#a minusculo acento ogonek#Latin Capital Letter A with Ogonek#0

105##

0024300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c486#067#0106#h

ex#067#asc#Ć,#C maiusculo acento agudo#Latin Capital Letter C with Acute#010

6##

0024100000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c487#099#0107#h

ex#099#asc#ć,#c minusculo acento agudo#Latin Small Letter c with Acute#0107#

#

0025400000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003100033052003900064101000500103#c488#067#0108#h

ex#067#asc#Ĉ,#C maiusculo acento circunflexo#Latin Capital Letter C with Cir

cumflex#0108##

0025200000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003100033052003700064101000500101#c489#099#0109#h

ex#099#asc#ĉ,#c minusculo acento circunflexo#Latin Small Letter c with Circu

mflex#0109##

0025300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003100033052003800064101000500102#c48a#067#010A#h

ex#067#asc#Ċ,#C maiusculo acento ponto acima#Latin Capital Letter C with Dot

Above#010A##

0025100000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003100033052003600064101000500100#c48b#099#010B#h

ex#099#asc#&#267;#c minusculo acento ponto acima#Latin Small Letter c with Dot A

bove#010B#

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c48c#067#010C#h

ex#067#asc#&#268;#C maiusculo acento caron#Latin Capital Letter C with Caron#010

C##

0024100000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c48d#099#010D#h

ex#099#asc#&#269;#c minusculo acento caron#Latin Small Letter c with Caron#010D#

#

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c48e#068#010E#h

ex#068#asc#&#270;#D maiusculo acento caron#Latin Capital Letter D with Caron#010

E##

0024100000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c48f#100#010F#h

ex#100#asc#&#271;#d minusculo acento caron#Latin Small Letter d with Caron#010F#

#

0024500000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c490#068#0110#h

ex#068#asc#&#272;#D maiusculo acento stroke#Latin Capital Letter D with Stroke#0

110##

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c491#100#0111#h

ex#100#asc#&#273;#d minusculo acento stroke#Latin Small Letter d with Stroke#011

1##

0024500000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c492#069#0112#h

ex#069#asc#&#274;#E maiusculo acento macron#Latin Capital Letter E with Macron#0

112##

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c493#101#0113#h

ex#101#asc#&#275;#e minusculo acento macron#Latin Small Letter E with Macron#011

3##

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c494#069#0114#h

ex#069#asc#&#276;#E maiusculo acento breve#Latin Capital Letter E with Breve#011

4##

00241000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051002500033052003200058101000500090#c495#101#0115#h  
 ex#101#asc#&#277;#e minusculo acento breve#Latin Small Letter E with Breve#0115#  
 #  
 00253000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051003100033052003800064101000500102#c496#069#0116#h  
 ex#069#asc#&#278;#E Maiusculo acento ponto acima#Latin Capital Letter E with Dot  
 Above#0116#  
 00251000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051003100033052003600064101000500100#c497#101#0117#h  
 ex#101#asc#&#279;#e minusculo acento ponto acima#Latin Small Letter E with Dot A  
 bove#0117#  
 00244000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051002500033052003500058101000500093#c498#069#0118#h  
 ex#069#asc#&#280;#E maiusculo acento Ognek#Latin Capital Letter E with Ogonek#01  
 18##  
 00241000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051002500033052003200058101000500090#c499#101#0119#h  
 ex#101#asc#&#281;#e minusculo acento Ognek#Latin Small Letter E with Ognek#0119#  
 #  
 00243000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051002500033052003400058101000500092#c49a#069#011A#h  
 ex#069#asc#&#282;#E maiusculo acento caron#Latin Capital Letter E with Caron#011  
 A##  
 00241000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051002500033052003200058101000500090#c49b#101#011B#h  
 ex#101#asc#&#283;#e minusculo acento caron#Latin Small Letter E with Caron#011B#  
 #  
 00254000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051003100033052003900064101000500103#c49c#071#011C#h  
 ex#071#asc#&#284;#G maiusculo acento circunflexo#Latin Capital Letter G with Cir  
 cumflex#011C##  
 00252000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051003100033052003700064101000500101#c49d#103#011D#h  
 ex#103#asc#&#285;#g minusculo acento circunflexo#Latin Small Letter G with Circu  
 mflex#011D##  
 00243000000001450045000100050000002000400050100005000901100040001401200040  
 0018021000400022041000700026051002500033052003400058101000500092#c49e#071#011E#h  
 ex#071#asc#&#286;#G maiusculo acento breve#Latin Capital Letter G with Breve#011

E##

00241000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051002500033052003200058101000500090#c49f#103#011F#h

ex#103#asc#ğ#g minusculo acento breve#Latin Small Letter G with Breve#011F#

#

002530000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051003100033052003800064101000500102#c4a0#071#0120#h

ex#071#asc#Ġ#G maiusculo acento ponto acima#Latin Capital Letter G with Dot

Above#0120##

002510000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051003100033052003600064101000500100#c4a1#103#0121#h

ex#103#asc#ġ#g minusculo acento ponto acima#Latin Small Letter G with Dot A

bove#0121##

002470000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051002700033052003600060101000500096#c4a2#071#0122#h

ex#071#asc#Ģ#G maiusculo acento cedilha#Latin Capital Letter G with Cedilla

#0122##

002450000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051002700033052003400060101000500094#c4a3#103#0123#h

ex#103#asc#ģ#g minusculo acento cedilha#Latin Small Letter G with Cedilla#0

123##

002540000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051003100033052003900064101000500103#c4a4#072#0124#h

ex#072#asc#Ĥ#H maiusculo acento circunflexo#Latin Capital Letter H with Cir

cumflex#0124##

002520000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051003100033052003700064101000500101#c4a5#104#0125#h

ex#104#asc#ĥ#h minusculo acento circunflexo#Latin Small Letter H with Circu

mflex#0125##

002450000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051002600033052003500059101000500094#c4a6#072#0126#h

ex#072#asc#Ħ#H maiusculo acento stroke#Latin Capital Letter H with Stroke#0

126##

002430000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051002600033052003300059101000500092#c4a7#104#0127#h

ex#104#asc#ħ#h minusculo acento stroke#Latin Small Letter H with Stroke#012

7##

002410000000001450004500010005000000200040005010005000901100040001401200040

001802100040002204100070026051002300033052003400056101000500090#c4a8#073#0128#h

ex#073#asc#Ĩ,#I maiusculo acento til#Latin Capital Letter I with Tilde#0128#

#

0023900000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002300033052003200056101000500088#c4a9#105#0129#h

ex#105#asc#ĩ,#i minusculo acenti til#Latin Small Letter I with Tilde#0129#

0024500000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c4aa#073#012A#h

ex#073#asc#Ī,#I maiusculo acento macron#Latin Capital Letter I with Macron#0

12A##

0024300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c4ab#105#012B#h

ex#105#asc#ī,#i minusculo acento macron#Latin Small Letter I with Macron#012

B##

0024300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c4ac#073#012C#h

ex#073#asc#Ĭ,#I maiusculo acento breve#Latin Capital Letter I with Breve#012

C##

00241000000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c4ad#105#012D#h

ex#105#asc#ĭ,#i minusculo acento breve#Latin Small Letter I with Breve#012D#

#

0024500000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c4ae#073#012E#h

ex#073#asc#Į,#I maiusculo acento ogonek#Latin Capital Letter I with Ogonek#0

12E##

0024300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c4af#105#012F#h

ex#105#asc#į,#i minusculo acento ogonek#Latin Small Letter I with Ogonek#012

F##

0025300000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003100033052003800064101000500102#c4b0#073#0130#h

ex#073#asc#İ,#I maiusculo acento ponto acima#Latin Capital Letter I with Dot

Above#0130##

0024200000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051002900033052002900062101000500091#c4b1#105#0131#h

ex#105#asc#ı,#i minusculo acento sem ponto#Latin Small Letter I Dotless#0131

##

0025400000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003100033052003900064101000500103#c4b4#074#0134#h

ex#074#asc#Ĵ,#J maiusculo acento circunflexo#Latin Capital Letter J with Cirumflex  
cumflex#0134##  
0025200000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051003100033052003700064101000500101#c4b5#106#0135#h  
ex#106#asc#ĵ,#j minusculo acento circunflexo#Latin Small Letter J with Circumflex  
mflex#0135##  
0024700000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002700033052003600060101000500096#c4b6#075#0136#h  
ex#075#asc#Ķ,#K maiusculo acento cedilha#Latin Capital Letter K with Cedilla  
#0136##  
0024500000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002700033052003400060101000500094#c4b7#107#0137#h  
ex#107#asc#ķ,#k minusculo acento cedilha#Latin Small Letter K with Cedilla#0  
137##  
0024300000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002500033052003400058101000500092#c4b9#076#0139#h  
ex#076#asc#ĸ,#L maiusculo acento agudo#Latin Capital Letter L with Acute#013  
9##  
0024100000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002500033052003200058101000500090#c4ba#108#013A#h  
ex#108#asc#ĺ,#l minusculo acento agudo#Latin Small Letter L with Acute#013A#  
#  
0024700000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002700033052003600060101000500096#c4bb#076#013B#h  
ex#076#asc#Ļ,#L maiusculo acento cedilha#Latin Capital Letter L with Cedilla  
#013B##  
0024500000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002700033052003400060101000500094#c4bc#108#013C#h  
ex#108#asc#ļ,#l minusculo acento cedilha#Latin Small Letter L with Cedilla#0  
13C##  
0024300000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002500033052003400058101000500092#c4bd#076#013D#h  
ex#076#asc#Ľ,#L maiusculo acento caron#Latin Capital Letter L with Caron#013  
D##  
0024100000000145000450001000500000020004000050100005000901100040001401200040  
0018021000400022041000700026051002500033052003200058101000500090#c4be#108#013E#h  
ex#108#asc#ľ,#l minusculo acento caron#Latin Small Letter L with Caron#013E#  
#  
0025600000000145000450001000500000020004000050100005000901100040001401200040

0018021000400022041000700026051003300033052003900066101000500105#c4bf#076#013F#h

ex#076#asc#Ŀ#L maiusculo acento ponto central#Latin Capital Letter L with M

idle Dot#013F#

0025400000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051003300033052003700066101000500103#c580#108#0140#h

ex#108#asc#ŀ#l minusculo acento ponto central#Latin Small Letter L with Mid

die Dot#0140#

0024500000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c581#076#0141#h

ex#076#asc#Ł#L maiusculo acento stroke#Latin Capital Letter L with Stroke#0

141#

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c582#108#0142#h

ex#108#asc#ł#l minusculo acento stroke#Latin Small Letter L with Stroke#014

2#

0024300000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c583#078#0143#h

ex#078#asc#Ń#N maiusculo acento agudo#Latin Capital Letter N with Acute#014

3#

0024100000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c584#110#0144#h

ex#110#asc#ń#n minusculo acento agudo#Latin Small Letter N with Acute#0144#

#

0024700000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002700033052003600060101000500096#c585#078#0145#h

ex#078#asc#Ņ#N maiusculo acento cedilha#Latin Capital Letter N with Cedilla

#0145#

0024500000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002700033052003400060101000500094#c586#110#0146#h

ex#110#asc#ņ#n minusculo acento cedilha#Latin Small Letter N with Cedilla#0

146#

0024400000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003500058101000500093#c587#078#0147#h

ex#078#asc#Ň#N maiusculo acento caron#Latin Capital Letter N with Caron#01

47#

0024100000000014500045000100050000000200040000501000050000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c588#110#0148#h

ex#110#asc#ň#n minusculo acento caron#Latin Small Letter N with Caron#0148#

#

002610000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051003300033052004400066101000500110#c589#110#0149#h

ex#110#asc#&#329;#n minusculo precedido apostrophe#Latin Small Letter N Preceded

By Apostrophe#0149##

002450000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051002600033052003500059101000500094#c58c#079#014C#h

ex#079#asc#&#332;#O maiusculo acento macron#Latin Capital Letter O with Macron#0

14C##

002430000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051002600033052003300059101000500092#c58d#111#014D#h

ex#111#asc#&#333;#o minusculo acento macron#Latin Small Letter O with Macron#014

D##

002430000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051002500033052003400058101000500092#c58e#079#014E#h

ex#079#asc#&#334;#O maiusculo acento breve#Latin Capital Letter O with Breve#014

E##

002410000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051002500033052003200058101000500090#c58f#111#014F#h

ex#111#asc#&#335;#o minusculo acento breve#Latin Small Letter O with Breve#014F#

#

002560000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051003100033052004100064101000500105#c590#079#0150#h

ex#079#asc#&#336;#O maiusculo acento duplo agudo#Latin Capital Letter O with Dou

ble Acute#0150##

002540000000014500045000100050000002000400050100005000901100040001401200040

0018021000400022041000700026051003100033052003900064101000500103#c591#111#0151#h

ex#111#asc#&#337;#o minusculo acento duplo agudo#Latin Small Letter O with Doubl

e Acute#0151##

002240000000013300045000100050000002000400050100005000901100040001401200040

0018021000400022051002500026052003400051101000500085#c594#082#0154#hex#082#asc#R

maiusculo acento agudo#Latin Capital Letter R with Acute#0154##

002220000000013300045000100050000002000400050100005000901100040001401200040

0018021000400022051002500026052003200051101000500083#c595#114#0155#hex#114#asc#r

minusculo acento agudo#Latin Small Letter R with Acute#0155##

002280000000013300045000100050000002000400050100005000901100040001401200040

0018021000400022051002700026052003600053101000500089#c596#082#0156#hex#082#asc#R

maiusculo acento cedilha#Latin Capital Letter R with Cedilla#0156##

002260000000013300045000100050000002000400050100005000901100040001401200040

0018021000400022051002700026052003400053101000500087#c597#114#0157#hex#114#asc#r

minusculo acento cedilha#Latin Small Letter R with Cedilla#0157##  
0022400000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003400051101000500085#c598#082#0158#hex#082#asc#R

maiusculo acento caron#Latin Capital Letter R with Caron#0158##  
0022200000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003200051101000500083#c599#114#0159#hex#114#asc#r

minusculo acento caron#Latin Small Letter R with Caron#0159##  
0022400000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003400051101000500085#c59a#083#015A#hex#083#asc#S

maiusculo acento agudo#Latin Capital Letter S with Acute#015A##  
0022200000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003200051101000500083#c59b#115#015B#hex#115#asc#S

minusculo acento agudo#Latin Small Letter S with Acute#015B##  
0023500000000133000450001000500000020004000050100005000901100040001401200040  
001802100040002205100310026052003900057101000500096#c59c#083#015C#hex#083#asc#S

maiusculo acento circunflexo#Latin Capital Letter S with Circumflex#015C##  
0023300000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003700057101000500094#c59d#115#015D#hex#115#asc#S

minusculo acento circunflexo#Latin Small Letter S with Circumflex#015D##  
0022800000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002700026052003600053101000500089#c59e#083#015E#hex#083#asc#S

maiusculo acento cedilha#Latin Capital Letter S with Cedilla#015E##  
0022600000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002700026052003400053101000500087#c59f#115#015F#hex#115#asc#S

minusculo acento cedilha#Latin Small Letter S with Cedilla#015F##  
0022400000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003400051101000500085#c5a0#083#0160#hex#083#asc#S

maiusculo acento caron#Latin Capital Letter S with Caron#0160##  
0022200000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003200051101000500083#c5a1#115#0161#hex#115#asc#S

minusculo acento caron#Latin Small Letter S with Caron#0161##  
0022800000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002700026052003600053101000500089#c5a2#084#0162#hex#084#asc#T

maiusculo acento cedilha#Latin Capital Letter T with Cedilla#0162##  
0022600000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002700026052003400053101000500087#c5a3#116#0163#hex#116#asc#t

minusculo acento cedilha#Latin Small Letter T with Cedilla#0163##  
0022400000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003400051101000500085#c5a4#084#0164#hex#084#asc#T

maiusculo acento caron#Latin Capital Letter T with Caron#0164##

0022200000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002500026052003200051101000500083#c5a5#116#0165#hex#116#asc#t

minusculo acento caron#Latin Small Letter T with Caron#0165##

00226000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002600026052003500052101000500087#c5a6#084#0166#hex#084#asc#T

maiusculo acento stroke#Latin Capital Letter T with Stroke#0166##

00224000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002600026052003300052101000500085#c5a7#116#0167#hex#116#asc#t

minusculo acento stroke#Latin Small Letter T with Stroke#0167##

00222000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002300026052003400049101000500083#c5a8#085#0168#hex#085#asc#U

maiusculo acento til#Latin Capital Letter U with Tilde#0168##

00220000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002300026052003200049101000500081#c5a9#117#0169#hex#117#asc#u

minusculo acento til#Latin Small Letter U with Tilde#0169##

00226000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002600026052003500052101000500087#c5aa#085#016A#hex#085#asc#U

maiusculo acento macron#Latin Capital Letter U with Macron#016A##

00224000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002600026052003300052101000500085#c5ab#117#016B#hex#117#asc#u

minusculo acento macron#Latin Small Letter U with Macron#016B##

00224000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002500026052003400051101000500085#c5ac#085#016C#hex#085#asc#U

maiusculo acento breve#Latin Capital Letter U with Breve#016C##

00222000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051002500026052003200051101000500083#c5ad#117#016D#hex#117#asc#u

minusculo acento breve#Latin Small Letter U with Breve#016D##

00234000000000133000450000100050000000200040000501000050000901100040001401200040

001802100040002205100300026052003900056101000500095#c5ae#085#016E#hex#085#asc#U

maiusculo acento ring acima#Latin Capital Letter U with Ring Above#016E##

00232000000000133000450000100050000000200040000501000050000901100040001401200040

001802100040002205100300026052003700056101000500093#c5af#117#016F#hex#117#asc#u

minusculo acento ring acima#Latin Small Letter U with Ring Above#016F##

00237000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051003100026052004100057101000500098#c5b0#085#0170#hex#085#asc#U

maiusculo acento duplo agudo#Latin Capital Letter U with Double Acute#0170##

00235000000000133000450000100050000000200040000501000050000901100040001401200040

0018021000400022051003100026052003900057101000500096#c5b1#117#0171#hex#117#asc#u

minusculo acento duplo agudo#Latin Small Latter U woth Double Acute#0171##  
0022600000000133000450001000500000020004000050100005000901100040001401200040  
001802100040002205100260026052003500052101000500087#c5b2#085#0172#hex#085#asc#U  
maiusculo acento ogonek#Latin Capital Letter U with Ogonek#0172##  
00224000000000133000450001000500000020004000050100005000901100040001401200040  
001802100040002205100260026052003300052101000500085#c5b3#117#0173#hex#117#asc#u  
minusculo acento ogonek#Latin Small Letter U with Ogonek#0173##  
00235000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003900057101000500096#c5b4#087#0174#hex#087#asc#W  
maiusculo acento circunflexo#Latin Capital Letter W with Circumflex#0174##  
00233000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003700057101000500094#c5b5#119#0175#hex#119#asc#w  
minusculo acento circunflexo#Latin Small Letter W with Circumflex#0175##  
00235000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003900057101000500096#c5b6#089#0176#hex#089#asc#Y  
maiusculo acento circunflexo#Latin Capital Letter Y with Circumflex#0176##  
00233000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003700057101000500094#c5b7#121#0177#hex#121#asc#y  
minusculo acento circunflexo#Latin Small Latter Y with Circumflex#0177##  
00228000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500026052003800051101000500089#c5b8#089#0178#hex#089#asc#Y  
maiusculo acento trema#Latin Capital Letter Y with Diaeresis#0178##  
00224000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051002500#0179#090#0179#hex#090#asc#Z  
maiusculo acento agudo#Latin Capital Letter Z with Acute#0179##  
00222000000000133000450001000500000020004000050100005000901100040001401200040  
001802100040002205100250026052003400051101000500085#c5b9#090#0179#hex#090#asc#Z  
minusculo acento agudo#Latin Small Letter Z with Acute#017A##  
00234000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003800057101000500095#c5bb#090#017B#hex#090#asc#Z  
maiusculo acento ponto acima#Latin Capital Letter Z with Dot Above#017B##  
00232000000000133000450001000500000020004000050100005000901100040001401200040  
0018021000400022051003100026052003600057101000500093#c5bc#122#017C#hex#122#asc#z  
minusculo acento ponto acima#Latin Small Letter Z with Dot Above#017C##  
00224000000000133000450001000500000020004000050100005000901100040001401200040  
001802100040002205100250026052003400051101000500085#c5bd#090#017D#hex#090#asc#Z  
maiusculo acento caron#Latin Capital Letter Z with Caron#017D##  
00222000000000133000450001000500000020004000050100005000901100040001401200040  
001802100040002205100250026052003200051101000500083#c5be#122#017E#hex#122#asc#z

minusculo acento caron#Latin Small Letter Z with Caron#017E##  
 00223000000001330004500010005000000200040005010005000901100040001401200040  
 0018021000400022051003200260058101000500084#c5bf#115#017F#hex#115#asc#s  
 minusculo (Fraktur e Gaelico)#Latin Small Letter Long S#017F##  
 0025400000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051002800036052003900064101000500103#e1b880#065#1E00  
 #hex#065#asc###7680;#A maiusculo com bola abaixo#Latin Capital Letter A with Rin  
 g Below#1E00##  
 00252000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051002800036052003700064101000500101#e1b881#097#1E01  
 #hex#097#asc###7681;#a minusculo com bola abaixo#Latin Small Letter a with Ring  
 Below#1E01##  
 00256000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003100036052003800067101000500105#e1b882#066#1E02  
 #hex#066#asc###7682;#B maiusculo acento ponto acima#LATIN CAPITAL LETTER B WITH  
 DOT ABOVE#1E02##  
 00254000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003100036052003600067101000500103#e1b883#098#1E03  
 #hex#098#asc###7683;#b minusculo acento ponto acima#LATIN SMALL LETTER B WITH DO  
 T ABOVE#1E03##  
 00257000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003200036052003800068101000500106#e1b884#066#1E04  
 #hex#066#asc###7684;#B maiusculo acento ponto abaixo#LATIN CAPITAL LETTER B WITH  
 DOT BELOW#1E04##  
 00255000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003200036052003600068101000500104#e1b885#098#1E05  
 #hex#098#asc###7685;#b minusculo acento ponto abaixo#LATIN SMALL LETTER B WITH D  
 OT BELOW#1E05##  
 00258000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003200036052003900068101000500107#e1b886#066#1E06  
 #hex#066#asc###7686;#B maiusculo acento linha abaixo#LATIN CAPITAL LETTER B WITH  
 LINE BELOW#1E06##  
 00256000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003200036052003700068101000500105#e1b887#098#1E07  
 #hex#098#asc###7687;#b minusculo acento linha abaixo#LATIN SMALL LETTER B WITH L  
 INE BELOW#1E07##  
 00272000000000145000450001000700000002000400070100050001101100040001601200040  
 0020021000400024041000800028051003900036052004600075101000500121#e1b888#067#1E08  
 #hex#067#asc###7688;#C maiusculo com cedilha e acento agudo#LATIN CAPITAL LETTER

C WITH CEDILLA AND ACUTE#1E08##

00270000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003900036052004400075101000500119#e1b889#099#1E09

#hex#099#asc#ḉ#c minusculo com cedilha e acento agudo#LATIN SMALL LETTER C

WITH CEDILLA AND ACUTE#1E09##

002560000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b88a#068#1E0A

#hex#068#asc#Ḋ#D maiusculo acento ponto acima#LATIN CAPITAL LETTER D WITH

DOT ABOVE#1E0A##

002540000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b88b#100#1E0B

#hex#100#asc#ḋ#d minusculo acento ponto acima#LATIN SMALL LETTER D WITH DO

T ABOVE#1E0B##

002570000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b88c#068#1E0C

#hex#068#asc#Ḍ#D maiusculo acento ponto abaixo#LATIN CAPITAL LETTER D WITH

DOT BELOW#1E0C##

002550000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b88d#100#1E0D

#hex#100#asc#ḍ#d minusculo acento ponto abaixo#LATIN SMALL LETTER D WITH D

OT BELOW#1E0D##

002580000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003900068101000500107#e1b88e#068#1E0E

#hex#068#asc#Ḏ#D maiusculo acento linha abaixo#LATIN CAPITAL LETTER D WITH

LINE BELOW#1E0E##

002560000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003700068101000500105#e1b88f#100#1E0F

#hex#100#asc#ḏ#d minusculo acento linha abaixo#LATIN SMALL LETTER D WITH L

INE BELOW#1E0F##

002470000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051002400036052003600060101000500096#e1b890#068#1E10

#hex#068#asc#Ḑ#D maiusculo com cedilha#LATIN CAPITAL LETTER D WITH CEDILLA

#1E10##

002450000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051002400036052003400060101000500094#e1b891#100#1E11

#hex#100#asc#ḑ#d minusculo com cedilha#LATIN SMALL LETTER D WITH CEDILLA#1

E11##

002700000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052004500074101000500119#e1b892#068#1E12

#hex#068#asc#Ḓ#D maiusculo acento circunflexo abaixo#LATIN CAPITAL LETTER D  
**D WITH CIRCUMFLEX BELOW#1E12##**  
0026800000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052004300074101000500117#e1b893#100#1E13  
#hex#100#asc#ḓ#d minusculo acento circunflexo abaixo#LATIN SMALL LETTER D  
**WITH CIRCUMFLEX BELOW#1E13##**  
0026600000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003400036052004500070101000500115#e1b894#069#1E14  
#hex#069#asc#Ḕ#E maiusculo acento macron e grave#LATIN CAPITAL LETTER E WI  
**TH MACRON AND GRAVE#1E14##**  
00264000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003400036052004300070101000500113#e1b895#101#1E15  
#hex#101#asc#ḕ#e minusculo acento macron e grave#LATIN SMALL LETTER E WITH  
**MACRON AND GRAVE#1E15##**  
0026600000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003400036052004500070101000500115#e1b896#069#1E16  
#hex#069#asc#Ḗ#E maiusculo acento macron e agudo#LATIN CAPITAL LETTER E WI  
**TH MACRON AND ACUTE#1E16##**  
00264000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003400036052004300070101000500113#e1b897#101#1E17  
#hex#101#asc#ḗ#e minusculo acento macron e agudo#LATIN SMALL LETTER E WITH  
**MACRON AND ACUTE#1E17##**  
0027000000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052004500074101000500119#e1b898#069#1E18  
#hex#069#asc#Ḙ#E maiusculo acento circunflexo abaixo#LATIN CAPITAL LETTER E  
**E WITH CIRCUMFLEX BELOW#1E18##**  
0026800000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052004300074101000500117#e1b899#101#1E19  
#hex#101#asc#ḙ#e minusculo acento circunflexo abaixo#LATIN SMALL LETTER E  
**WITH CIRCUMFLEX BELOW#1E19##**  
00259000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003200036052004000068101000500108#e1b89a#069#1E1A  
#hex#069#asc#Ḛ#E maiusculo acento tilde abaixo#LATIN CAPITAL LETTER E WITH  
**TILDE BELOW#1E1A##**  
00257000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003200036052003800068101000500106#e1b89b#101#1E1B  
#hex#101#asc#ḛ#e minusculo acento tilde abaixo#LATIN SMALL LETTER E WITH T  
**TILDE BELOW#1E1B##**  
00265000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052004600068101000500114#e1b89c#069#1E1C

#hex#069#asc#Ḝ#E maiusculo com cedilha e breve#LATIN CAPITAL LETTER E WITH

CEDILLA AND BREVE#1E1C#

002630000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052004400068101000500112#e1b89d#101#1E1D

#hex#101#asc#ḝ#e minusculo com cedilha e breve#LATIN SMALL LETTER E WITH C

EDILLA AND BREVE#1E1D#

002560000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b89e#070#1E1E

#hex#070#asc#Ḟ#F maiusculo acento ponto acima#LATIN CAPITAL LETTER F WITH

DOT ABOVE#1E1E#

002540000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b89f#102#1E1F

#hex#102#asc#ḟ#f minusculo acento ponto acima#LATIN SMALL LETTER F WITH DO

T ABOVE#1E1F#

002480000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051002600036052003500062101000500097#e1b8a0#071#1E20

#hex#071#asc#Ḡ#G maiusculo acento macron#LATIN CAPITAL LETTER G WITH MACRO

N#1E20#

002460000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051002600036052003300062101000500095#e1b8a1#103#1E21

#hex#103#asc#ḡ#g minusculo acento macron#LATIN SMALL LETTER G WITH MACRON#

1E21#

002560000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b8a2#072#1E22

#hex#072#asc#Ḣ#H maiusculo acento ponto acima#LATIN CAPITAL LETTER H WITH

DOT ABOVE#1E22#

002540000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b8a3#104#1E23

#hex#104#asc#ḣ#h minusculo acento ponto acima#LATIN SMALL LETTER H WITH DO

T ABOVE#1E23#

002570000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b8a4#072#1E24

#hex#072#asc#Ḥ#H maiusculo acento ponto abaixo#LATIN CAPITAL LETTER H WITH

DOT BELOW#1E24#

002550000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b8a5#104#1E25

#hex#104#asc#ḥ#h minusculo acento ponto abaixo#LATIN SMALL LETTER H WITH D

OT BELOW#1E25#

0025000000000145000450001000700000020004000070100050001101100040001601200040

002002100040002404100080002805100250003605200380006110100050009#e1b8a6#072#1E26

#hex#072#asc#Ḧ#H maiusculo acento trema#LATIN CAPITAL LETTER H WITH DIAERESE

SIS#1E26##

0024800000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051002500036052003600061101000500097#e1b8a7#104#1E27

#hex#104#asc#ḧ#h minusculo acento trema#LATIN SMALL LETTER H WITH DIAERESIS

S#1E27##

0024700000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051002400036052003600060101000500096#e1b8a8#072#1E28

#hex#072#asc#Ḩ#H maiusculo com cedilha#LATIN CAPITAL LETTER H WITH CEDILLA

#1E28##

0024500000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051002400036052003400060101000500094#e1b8a9#104#1E29

#hex#104#asc#ḩ#h minusculo com cedilha#LATIN SMALL LETTER H WITH CEDILLA#

E29##

0025900000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052004000068101000500108#e1b8aa#072#1E2A

#hex#072#asc#Ḫ#H maiusculo acento breve abaixo#LATIN CAPITAL LETTER H WITH

BREVE BELOW#1E2A##

0025700000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b8ab#104#1E2B

#hex#104#asc#ḫ#h minusculo acento breve abaixo#LATIN SMALL LETTER H WITH B

REVE BELOW#1E2B##

0025900000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052004000068101000500108#e1b8ac#073#1E2C

#hex#073#asc#Ḭ#I maiusculo acento tilde abaixo#LATIN CAPITAL LETTER I WITH

TILDE BELOW#1E2C##

0025700000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b8ad#105#1E2D

#hex#105#asc#ḭ#i minusculo acento tilde abaixo#LATIN SMALL LETTER I WITH T

ILDE BELOW#1E2D##

0026900000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003400036052004800070101000500118#e1b8ae#073#1E2E

#hex#073#asc#Ḯ#I maiusculo acentos trema e agudo#LATIN CAPITAL LETTER I WI

TH DIAERESIS AND ACUTE#1E2E##

0026700000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003400036052004600070101000500116#e1b8af#105#1E2F

#hex#105#asc#ḯ#i minusculo acentos trema e agudo#LATIN SMALL LETTER I WITH

DIAERESIS AND ACUTE#1E2F##

00246000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051002500036052003400061101000500095#e1b8b0#075#1E30

#hex#075#asc#Ḱ#K maiusculo acento agudo#LATIN CAPITAL LETTER K WITH ACUTE#

1E30##

002440000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051002500036052003200061101000500093#e1b8b1#107#1E31

#hex#107#asc#ḱ#k minusculo acento agudo#LATIN SMALL LETTER K WITH ACUTE#1E

31##

002570000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b8b2#075#1E32

#hex#075#asc#Ḳ#K maiusculo acento ponto abaixo#LATIN CAPITAL LETTER K WITH

DOT BELOW#1E32##

002550000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b8b3#107#1E33

#hex#107#asc#ḳ#k minusculo acento ponto abaixo#LATIN SMALL LETTER K WITH D

OT BELOW#1E33##

002580000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003900068101000500107#e1b8b4#075#1E34

#hex#075#asc#Ḵ#K maiusculo acento ponto linha abaixo#LATIN CAPITAL LETTER K WITH

LINE BELOW#1E34##

002560000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003700068101000500105#e1b8b5#107#1E35

#hex#107#asc#ḵ#k minusculo acento ponto linha abaixo#LATIN SMALL LETTER K WITH L

INE BELOW#1E35##

002570000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b8b6#076#1E36

#hex#076#asc#Ḷ#L maiusculo acento ponto abaixo#LATIN CAPITAL LETTER L WITH

DOT BELOW#1E36##

002550000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b8b7#108#1E37

#hex#108#asc#ḷ#l minusculo acento ponto abaixo#LATIN SMALL LETTER L WITH D

OT BELOW#1E37##

002780000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004200036052004900078101000500127#e1b8b8#076#1E38

#hex#076#asc#Ḹ#L maiusculo acentos ponto abaixo e macron#LATIN CAPITAL LET

TER L WITH DOT BELOW AND MACRON#1E38##

002760000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004200036052004700078101000500125#e1b8b9#108#1E39

#hex#108#asc##ḹ,#l minusculo acento ponto abaixo e macron#LATIN SMALL LETTER R WITH DOT BELOW AND MACRON#1E39##

0025800000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003900068101000500107#e1b8ba#076#1E3A

#hex#076#asc##Ḻ,#L maiusculo acento linha abaixo#LATIN CAPITAL LETTER L WITH LINE BELOW#1E3A##

0025600000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003700068101000500105#e1b8bb#108#1E3B

#hex#108#asc##ḻ,#l minusculo acento linha abaixo#LATIN SMALL LETTER L WITH LINE BELOW#1E3B##

0027000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052004500074101000500119#e1b8bc#076#1E3C

#hex#076#asc##Ḽ,#L maiusculo acento circunflexo abaixo#LATIN CAPITAL LETTER L WITH CIRCUMFLEX BELOW#1E3C##

0026800000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052004300074101000500117#e1b8bd#108#1E3D

#hex#108#asc##ḽ,#l minusculo acento circunflexo abaixo#LATIN SMALL LETTER L WITH CIRCUMFLEX BELOW#1E3D##

0024600000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051002500036052003400061101000500095#e1b8be#077#1E3E

#hex#077#asc##Ḿ,#M maiusculo acento agudo#LATIN CAPITAL LETTER M WITH ACUTE#1E3E##

0024400000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051002500036052003200061101000500093#e1b8bf#109#1E3F

#hex#109#asc##ḿ,#m minusculo acento agudo#LATIN SMALL LETTER M WITH ACUTE#1E3F##

0025600000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b980#077#1E40

#hex#077#asc##Ṁ,#M maiusculo acento ponto acima#LATIN CAPITAL LETTER M WITH DOT ABOVE#1E40##

0025400000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b981#109#1E41

#hex#109#asc##ṁ,#m minusculo acento ponto acima#LATIN SMALL LETTER M WITH DOT ABOVE#1E41##

0025700000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b982#077#1E42

#hex#077#asc##Ṃ,#M maiusculo acento ponto abaixo#LATIN CAPITAL LETTER M WITH DOT BELOW#1E42##

0025500000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b983#109#1E43

#hex#109#asc#ṃ#m minusculo acento ponto abaixo#LATIN SMALL LETTER M WITH D

OT BELOW#1E43##

0025600000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b984#078#1E44

#hex#078#asc#Ṅ#N maiusculo acento ponto acima#LATIN CAPITAL LETTER N WITH

DOT ABOVE#1E44##

0025400000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b985#110#1E45

#hex#110#asc#ṅ#n minusculo acento ponto acima#LATIN SMALL LETTER N WITH DO

T ABOVE#1E45##

0025700000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b986#078#1E46

#hex#078#asc#Ṇ#N maiusculo acento ponto abaixo#LATIN CAPITAL LETTER N WITH

DOT BELOW#1E46##

0025500000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b987#110#1E47

#hex#110#asc#ṇ#n minusculo acento ponto abaixo#LATIN SMALL LETTER N WITH D

OT BELOW#1E47##

0025800000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003200036052003900068101000500107#e1b988#078#1E48

#hex#078#asc#Ṉ#N maiusculo acento linha abaixo#LATIN CAPITAL LETTER N WITH

LINE BELOW#1E48##

0025600000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003200036052003700068101000500105#e1b989#110#1E49

#hex#110#asc#ṉ#n minusculo acento linha abaixo#LATIN SMALL LETTER N WITH L

INE BELOW#1E49##

0027000000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003800036052004500074101000500119#e1b98a#078#1E4A

#hex#078#asc#Ṋ#N maiusculo acento circunflexo abaixo#LATIN CAPITAL LETTER

N WITH CIRCUMFLEX BELOW#1E4A##

0026800000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003800036052004300074101000500117#e1b98b#110#1E4B

#hex#110#asc#ṋ#n minusculo acento circunflexo abaixo#LATIN SMALL LETTER N

WITH CIRCUMFLEX BELOW#1E4B##

0026400000000014500045000100070000000200040000701000050001101100040001601200040

0020021000400024041000800028051003300036052004400069101000500113#e1b98c#079#1E4C

#hex#079#asc#Ṍ#O maiusculo acento tilde e agudo#LATIN CAPITAL LETTER O WIT

H TILDE AND ACUTE#1E4C##

002620000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003300036052004200069101000500111#e1b98d#111#1E4D

#hex#111#asc#ṍ,#o minusculo acento tilde e agudo#LATIN SMALL LETTER O WITH

TILDE AND ACUTE#1E4D##

002680000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003300036052004800069101000500117#e1b98e#079#1E4E

#hex#079#asc#Ṏ,#O maiusculo acento tilde e trema#LATIN CAPITAL LETTER O WIT

H TILDE AND DIAERESIS#1E4E##

002660000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003300036052004600069101000500115#e1b98f#111#1E4F

#hex#111#asc#ṏ,#o minusculo acento tilde e trema#LATIN SMALL LETTER O WITH

TILDE AND DIAERESIS#1E4F##

002660000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003400036052004500070101000500115#e1b990#079#1E50

#hex#079#asc#Ṑ,#O maiusculo acento macron e grave#LATIN CAPITAL LETTER O WI

TH MACRON AND GRAVE#1E50##

002640000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003400036052004300070101000500113#e1b991#111#1E51

#hex#111#asc#ṑ,#o minusculo acento macron e grave#LATIN SMALL LETTER O WITH

MACRON AND GRAVE#1E51##

002660000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003400036052004500070101000500115#e1b992#079#1E52

#hex#079#asc#Ṓ,#O maiusculo acento macron e agudo#LATIN CAPITAL LETTER O WI

TH MACRON AND ACUTE#1E52##

002640000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003400036052004300070101000500113#e1b993#111#1E53

#hex#111#asc#ṓ,#o minusculo acento macron e agudo#LATIN SMALL LETTER O WITH

MACRON AND ACUTE#1E53##

002460000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051002500036052003400061101000500095#e1b994#080#1E54

#hex#080#asc#Ṕ,#P maiusculo acento agudo#LATIN CAPITAL LETTER P WITH ACUTE#

1E54##

002440000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051002500036052003200061101000500093#e1b995#112#1E55

#hex#112#asc#ṕ,#p minusculo acento agudo#LATIN SMALL LETTER P WITH ACUTE#1E

55##

002560000000014500045000100070000002000400070100050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b996#080#1E56

#hex#080#asc#Ṗ,#P maiusculo acento ponto acima#LATIN CAPITAL LETTER P WITH

DOT ABOVE#1E56##

00254000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b997#112#1E57

#hex#112#asc#ṗ#p minusculo acento ponto acima#LATIN SMALL LETTER P WITH DO

T ABOVE#1E57##

002560000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003800067101000500105#e1b998#082#1E58

#hex#082#asc#Ṙ#R maiusculo acento ponto acima#LATIN CAPITAL LETTER R WITH

DOT ABOVE#1E58##

002540000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003100036052003600067101000500103#e1b999#114#1E59

#hex#114#asc#ṙ#r minusculo acento ponto acima#LATIN SMALL LETTER R WITH DO

T ABOVE#1E59##

002570000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003800068101000500106#e1b99a#082#1E5A

#hex#082#asc#Ṛ#R maiusculo acento ponto abaixo#LATIN CAPITAL LETTER R WITH

DOT BELOW#1E5A##

002550000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003600068101000500104#e1b99b#114#1E5B

#hex#114#asc#ṛ#r minusculo acento ponto abaixo#LATIN SMALL LETTER R WITH D

OT BELOW#1E5B##

002760000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004000036052004900076101000500125#e1b99c#082#1E5C

#hex#082#asc#Ṝ#R maiusculo acento ponto acima e macron#LATIN CAPITAL LETTE

R R WITH DOT BELOW AND MACRON#1E5C##

002740000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004000036052004700076101000500123#e1b99d#114#1E5D

#hex#114#asc#ṝ#r minusculo acento ponto acima e macron#LATIN SMALL LETTER

R WITH DOT BELOW AND MACRON#1E5D##

002650000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003900036052003900075101000500114#e1b99e#082#1E5E

#hex#082#asc#Ṟ#LATIN CAPITAL LETTER R WITH LINE BELOW#LATIN CAPITAL LETTER

R WITH LINE BELOW#1E5E##

002610000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1b99f#114#1E5F

#hex#114#asc#ṟ#Latin small letter r with line below#LATIN SMALL LETTER R W

ITH LINE BELOW#1E5F##

002630000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052003800074101000500112#e1b9a0#083#1E60

#hex#083#asc#Ṡ,#LATIN CAPITAL LETTER S WITH DOT ABOVE#LATIN CAPITAL LETTER S WITH DOT ABOVE#1E60##  
0025900000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003600036052003600072101000500108#e1b9a1#115#1E61  
#hex#115#asc#ṡ,#Latin small letter s with dot above#LATIN SMALL LETTER S WI  
TH DOT ABOVE#1E61##  
0026300000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052003800074101000500112#e1b9a2#083#1E62  
#hex#083#asc#Ṣ,#LATIN CAPITAL LETTER S WITH DOT BELOW#LATIN CAPITAL LETTER S WITH DOT BELOW#1E62##  
0025900000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003600036052003600072101000500108#e1b9a3#115#1E63  
#hex#115#asc#ṣ,#Latin small letter s with dot below#LATIN SMALL LETTER S WI  
TH DOT BELOW#1E63##  
0028300000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051004800036052004800084101000500132#e1b9a4#083#1E64  
#hex#083#asc#Ṥ,#LATIN CAPITAL LETTER S WITH ACUTE AND DOT ABOVE#LATIN CAPITAL LETTER S WITH ACUTE AND DOT ABOVE#1E64##  
0027900000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051004600036052004600082101000500128#e1b9a5#115#1E65  
#hex#115#asc#ṥ,#Latin small letter s with acute and dot above#LATIN SMALL LETTER S WITH ACUTE AND DOT ABOVE#1E65##  
0028300000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051004800036052004800084101000500132#e1b9a6#083#1E66  
#hex#083#asc#Ṧ,#LATIN CAPITAL LETTER S WITH CARON AND DOT ABOVE#LATIN CAPITAL LETTER S WITH CARON AND DOT ABOVE#1E66##  
AL LETTER S WITH CARON AND DOT ABOVE#1E66##  
0027900000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051004600036052004600082101000500128#e1b9a7#115#1E67  
#hex#115#asc#ṧ,#Latin small letter s with caron and dot above#LATIN SMALL LETTER S WITH CARON AND DOT ABOVE#1E67##  
ETTER S WITH CARON AND DOT ABOVE#1E67##  
0029100000000145000450001000700000020004000070100050001101100040001601200040  
002002100040002404100080002805100520036052005200088101000500140#e1b9a8#083#1E68  
#hex#083#asc#Ṩ,#LATIN CAPITAL LETTER S WITH DOT BELOW AND DOT ABOVE#LATIN CAPITAL LETTER S WITH DOT BELOW AND DOT ABOVE#1E68##  
APITAL LETTER S WITH DOT BELOW AND DOT ABOVE#1E68##  
0028700000000145000450001000700000020004000070100050001101100040001601200040  
00200210004000240410008000280510050003605200500086101000500136#e1b9a9#115#1E69  
#hex#115#asc#ṩ,#Latin small letter s with dot below and dot above#LATIN SMALL LETTER S WITH DOT BELOW AND DOT ABOVE#1E69##  
LL LETTER S WITH DOT BELOW AND DOT ABOVE#1E69##  
0026300000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052003800074101000500112#e1b9aa#084#1E6A

#hex#084#asc#'#7786;#LATIN CAPITAL LETTER T WITH DOT ABOVE#LATIN CAPITAL LETTER T

T WITH DOT ABOVE#1E6A#

002590000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003600036052003600072101000500108#e1b9ab#116#1E6B

#hex#116#asc#'#7787;#Latin small letter t with dot above#LATIN SMALL LETTER T WI

TH DOT ABOVE#1E6B#

002630000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052003800074101000500112#e1b9ac#084#1E6C

#hex#084#asc#'#7788;#LATIN CAPITAL LETTER T WITH DOT BELOW#LATIN CAPITAL LETTER T

T WITH DOT BELOW#1E6C#

002590000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003600036052003600072101000500108#e1b9ad#116#1E6D

#hex#116#asc#'#7789;#Latin small letter t with dot below#LATIN SMALL LETTER T WI

TH DOT BELOW#1E6D#

002650000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003900036052003900075101000500114#e1b9ae#084#1E6E

#hex#084#asc#'#7790;#LATIN CAPITAL LETTER T WITH LINE BELOW#LATIN CAPITAL LETTER T

T WITH LINE BELOW#1E6E#

002610000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1b9af#116#1E6F

#hex#116#asc#'#7791;#Latin small letter t with line below#LATIN SMALL LETTER T W

TH LINE BELOW#1E6F#

002770000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004500036052004500081101000500126#e1b9b0#084#1E70

#hex#084#asc#'#7792;#LATIN CAPITAL LETTER T WITH CIRCUMFLEX BELOW#LATIN CAPITAL T

LETTER T WITH CIRCUMFLEX BELOW#1E70#

002730000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004300036052004300079101000500122#e1b9b1#116#1E71

#hex#116#asc#'#7793;#Latin small letter t with circumflex below#LATIN SMALL LETTER T

ER T WITH CIRCUMFLEX BELOW#1E71#

002750000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004400036052004400080101000500124#e1b9b2#085#1E72

#hex#085#asc#'#7794;#LATIN CAPITAL LETTER U WITH DIAERESIS BELOW#LATIN CAPITAL U

ETTER U WITH DIAERESIS BELOW#1E72#

002710000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004200036052004200078101000500120#e1b9b3#117#1E73

#hex#117#asc#'#7795;#Latin small letter u with diaeresis below#LATIN SMALL LETTER U

R U WITH DIAERESIS BELOW#1E73#

0026700000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004000036052004000076101000500116#e1b9b4#085#1E74

#hex#085#asc#Ṵ#LATIN CAPITAL LETTER U WITH TILDE BELOW#LATIN CAPITAL LETTE

R U WITH TILDE BELOW#1E74#

00263000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052003800074101000500112#e1b9b5#117#1E75

#hex#117#asc#ṵ#Latin small letter u with tilde below#LATIN SMALL LETTER U

WITH TILDE BELOW#1E75#

00277000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004500036052004500081101000500126#e1b9b6#085#1E76

#hex#085#asc#Ṷ#LATIN CAPITAL LETTER U WITH CIRCUMFLEX BELOW#LATIN CAPITAL

LETTER U WITH CIRCUMFLEX BELOW#1E76#

00273000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004300036052004300079101000500122#e1b9b7#117#1E77

#hex#117#asc#ṷ#Latin small letter u with circumflex below#LATIN SMALL LETT

ER U WITH CIRCUMFLEX BELOW#1E77#

00275000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004400036052004400080101000500124#e1b9b8#085#1E78

#hex#085#asc#Ṹ#LATIN CAPITAL LETTER U WITH TILDE AND ACUTE#LATIN CAPITAL L

ETTER U WITH TILDE AND ACUTE#1E78#

00271000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004200036052004200078101000500120#e1b9b9#117#1E79

#hex#117#asc#ṹ#LATIN SMALL LETTER U WITH TILDE AND ACUTE#LATIN SMALL LETTE

R U WITH TILDE AND ACUTE#1E79#

00285000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004900036052004900085101000500134#e1b9ba#085#1E7A

#hex#085#asc#Ṻ#LATIN CAPITAL LETTER U WITH MACRON AND DIAERESIS#LATIN CAPI

TAL LETTER U WITH MACRON AND DIAERESIS#1E7A#

00281000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051004700036052004700083101000500130#e1b9bb#117#1E7B

#hex#117#asc#ṻ#Latin small letter u with macron and diaeresis#LATIN SMALL

LETTER U WITH MACRON AND DIAERESIS#1E7B#

00255000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003400036052003400070101000500104#e1b9bc#086#1E7C

#hex#086#asc#Ṽ#LATIN CAPITAL LETTER V WITH TILDE#LATIN CAPITAL LETTER V WI

TH TILDE#1E7C#

00251000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003200036052003200068101000500100#e1b9bd#118#1E7D

#hex#118#asc#ṽ#Latin small letter v with tilde#LATIN SMALL LETTER V WITH T

**I**LDE#1E7D##
  
00263000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051003800036052003800074101000500112#e1b9be#086#1E7E
  
#hex#086#asc#Ṿ#LATIN CAPITAL LETTER V WITH DOT BELOW#LATIN CAPITAL LETTER
  
V WITH DOT BELOW#1E7E##
  
002590000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051003600036052003600072101000500108#e1b9bf#118#1E7F
  
#hex#118#asc#ṿ#LATIN SMALL LETTER V WITH DOT BELOW#LATIN SMALL LETTER V WI
  
TH DOT BELOW#1E7F##
  
002550000000001450004500010007000000020004000070100050001101100040001601200040
  
00200210004000240410008000280510034000360520034000070101000500104#e1ba80#087#1E80
  
#hex#087#asc#Ẁ#LATIN CAPITAL LETTER W WITH GRAVE#LATIN CAPITAL LETTER W WI
  
TH GRAVE#1E80##
  
002440000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051002500036052003200061101000500093#e1ba81#119#1E81
  
#hex#119#asc#ẁ#w minusculo acento grave#LATIN SMALL LETTER W WITH GRAVE#1E
  
81##
  
002550000000001450004500010007000000020004000070100050001101100040001601200040
  
00200210004000240410008000280510034000360520034000070101000500104#e1ba82#087#1E82
  
#hex#087#asc#Ẃ#LATIN CAPITAL LETTER W WITH ACUTE#LATIN CAPITAL LETTER W WI
  
TH ACUTE#1E82##
  
002440000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051002500036052003200061101000500093#e1ba83#119#1E83
  
#hex#119#asc#ẃ#w minusculo acento agudo#LATIN SMALL LETTER W WITH ACUTE#1E
  
83##
  
002500000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051002500036052003800061101000500099#e1ba84#087#1E84
  
#hex#087#asc#Ẅ#W maiusculo acento trema#LATIN CAPITAL LETTER W WITH DIAERE
  
SIS#1E84##
  
002480000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051002500036052003600061101000500097#e1ba85#119#1E85
  
#hex#119#asc#ẅ#w minusculo acento trema#LATIN SMALL LETTER W WITH DIAERESI
  
S#1E85##
  
002630000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051003800036052003800074101000500112#e1ba86#087#1E86
  
#hex#087#asc#Ẇ#LATIN CAPITAL LETTER W WITH DOT ABOVE#LATIN CAPITAL LETTER
  
W WITH DOT ABOVE#1E86##
  
002590000000001450004500010007000000020004000070100050001101100040001601200040
  
0020021000400024041000800028051003600036052003600072101000500108#e1ba87#119#1E87

#hex#119#asc#砕,#Latin small letter w with dot above#LATIN SMALL LETTER W WI  
**TH DOT ABOVE#1E87#**  
00263000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052003800074101000500112#e1ba88#087#1E88  
#hex#087#asc#砖,#LATIN CAPITAL LETTER W WITH DOT BELOW#LATIN CAPITAL LETTER  
**W WITH DOT BELOW#1E88#**  
00259000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003600036052003600072101000500108#e1ba89#119#1E89  
#hex#119#asc#砗,#Latin small letter w with dot below#LATIN SMALL LETTER W WI  
**TH DOT BELOW#1E89#**  
00263000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052003800074101000500112#e1ba8a#088#1E8A  
#hex#088#asc#砘,#LATIN CAPITAL LETTER X WITH DOT ABOVE#LATIN CAPITAL LETTER  
**X WITH DOT ABOVE#1E8A#**  
00259000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003600036052003600072101000500108#e1ba8b#120#1E8B  
#hex#120#asc#砙,#Latin small letter x with dot above#LATIN SMALL LETTER X WI  
**TH DOT ABOVE#1E8B#**  
00263000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052003800074101000500112#e1ba8c#088#1E8C  
#hex#088#asc#砠,#LATIN CAPITAL LETTER X WITH DIAERESIS#LATIN CAPITAL LETTER  
**X WITH DIAERESIS#1E8C#**  
00259000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003600036052003600072101000500108#e1ba8d#120#1E8D  
#hex#120#asc#砡,#Latin small letter x with diaeresis#LATIN SMALL LETTER X WI  
**TH DIAERESIS#1E8D#**  
00263000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003800036052003800074101000500112#e1ba8e#089#1E8E  
#hex#089#asc#砢,#LATIN CAPITAL LETTER Y WITH DOT ABOVE#LATIN CAPITAL LETTER  
**Y WITH DOT ABOVE#1E8E#**  
00259000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003600036052003600072101000500108#e1ba8f#121#1E8F  
#hex#121#asc#砣,#Latin small letter y with dot above#LATIN SMALL LETTER Y WI  
**TH DOT ABOVE#1E8F#**  
00265000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051003900036052003900075101000500114#e1ba90#090#1E90  
#hex#090#asc#砤,#LATIN CAPITAL LETTER Z WITH CIRCUMFLEX#LATIN CAPITAL LETTER  
**Z WITH CIRCUMFLEX#1E90#**  
00261000000000145000450001000700000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1ba91#122#1E91

#hex#122#asc#砥,#Latin small letter z with circumflex#LATIN SMALL LETTER Z W

ITH CIRCUMFLEX#1E91##

002630000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003800036052003800074101000500112#e1ba92#090#1E92

#hex#090#asc#砦,#LATIN CAPITAL LETTER Z WITH DOT BELOW#LATIN CAPITAL LETTER

Z WITH DOT BELOW#1E92##

002590000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003600036052003600072101000500108#e1ba93#122#1E93

#hex#122#asc#砧,#LATIN SMALL LETTER Z WITH DOT BELOW#LATIN SMALL LETTER Z WI

TH DOT BELOW#1E93##

002650000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003900036052003900075101000500114#e1ba94#090#1E94

#hex#090#asc#砨,#LATIN CAPITAL LETTER Z WITH LINE BELOW#LATIN CAPITAL LETTER

Z WITH LINE BELOW#1E94##

002610000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1ba95#122#1E95

#hex#122#asc#砩,#LATIN SMALL LETTER Z WITH LINE BELOW#LATIN SMALL LETTER Z W

ITH LINE BELOW#1E95##

002610000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1ba96#104#1E96

#hex#104#asc#砰,#Latin small letter h with line below#LATIN SMALL LETTER H W

ITH LINE BELOW#1E96##

002590000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003600036052003600072101000500108#e1ba97#116#1E97

#hex#116#asc#砱,#Latin small letter t with diaeresis#LATIN SMALL LETTER T WI

TH DIAERESIS#1E97##

002610000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1ba98#119#1E98

#hex#119#asc#砲,#Latin small letter w with ring above#LATIN SMALL LETTER W W

ITH RING ABOVE#1E98##

002610000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051003700036052003700073101000500110#e1ba99#121#1E99

#hex#121#asc#砳,#Latin small letter y with ring above#LATIN SMALL LETTER Y W

ITH RING ABOVE#1E99##

002710000000001450004500010007000000020004000070100050001101100040001601200040

0020021000400024041000800028051004200036052004200078101000500120#e1ba9a#097#1E9A

#hex#097#asc#破,#Latin small letter a with right half ring#LATIN SMALL LETTER

R A WITH RIGHT HALF RING#1E9A##

002630000000014500045000100070000002000400070100050001101100040001601200040  
0020021000400024041000800028051003800036052003800074101000500112#e1baa0#065#1EA0  
#hex#065#asc#Ạ#LATIN CAPITAL LETTER A WITH DOT BELOW#LATIN CAPITAL LETTER  
A WITH DOT BELOW#1EA0#  
002390000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051003600028052003600064101000500100#e1baa1#097#1EA1#hex#097#asc  
#LATIN SMALL LETTER A WITH DOT BELOW#LATIN SMALL LETTER A WITH DOT BELOW#1EA1#  
002450000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051003900028052003900067101000500106#e1baa2#065#1EA2#hex#065#asc  
#LATIN CAPITAL LETTER A WITH HOOK ABOVE#LATIN CAPITAL LETTER A WITH HOOK ABOVE#1  
EA2##  
002410000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051003700028052003700065101000500102#e1baa3#097#1EA3#hex#097#asc  
#LATIN SMALL LETTER A WITH HOOK ABOVE#LATIN SMALL LETTER A WITH HOOK ABOVE#1EA3#  
#  
002650000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051004900028052004900077101000500126#e1baa4#065#1EA4#hex#065#asc  
#LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND ACUTE#LATIN CAPITAL LETTER A WITH CI  
RCUMFLEX AND ACUTE#1EA4##  
002610000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051004700028052004700075101000500122#e1baa5#097#1EA5#hex#097#asc  
#LATIN SMALL LETTER A WITH CIRCUMFLEX AND ACUTE#LATIN SMALL LETTER A WITH CIRCUM  
FLEX AND ACUTE#1EA5##  
002650000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051004900028052004900077101000500126#e1baa6#065#1EA6#hex#065#asc  
#LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND GRAVE#LATIN CAPITAL LETTER A WITH CI  
RCUMFLEX AND GRAVE#1EA6##  
002610000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051004700028052004700075101000500122#e1baa7#097#1EA7#hex#097#asc  
#LATIN SMALL LETTER A WITH CIRCUMFLEX AND GRAVE#LATIN SMALL LETTER A WITH CIRCUM  
FLEX AND GRAVE#1EA7##  
002750000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051005400028052005400082101000500136#e1baa8#065#1EA8#hex#065#asc  
#LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE#LATIN CAPITAL LETTER A WI  
TH CIRCUMFLEX AND HOOK ABOVE#1EA8##  
002710000000013300045000100070000002000400070100050001101100040001601200040  
0020021000400024051005200028052005200080101000500132#e1baa9#097#1EA9#hex#097#asc  
#LATIN SMALL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE#LATIN SMALL LETTER A WITH C  
IRCUMFLEX AND HOOK ABOVE#1EA9##

00265000000001330045000100070000002000400070100050001101100040001601200040  
002002100040002405100490028052004900077101000500126#elbaaa#065#1EAA#hex#065#asc  
#LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND TILDE#LATIN CAPITAL LETTER A WITH CI  
RCUMFLEX AND TILDE#1EAA##  
  
00261000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004700028052004700075101000500122#elbab#097#1EAB#hex#097#asc  
#LATIN SMALL LETTER A WITH CIRCUMFLEX AND TILDE#LATIN SMALL LETTER A WITH CIRCUM  
FLEX AND TILDE#1EAB##  
  
00273000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051005300028052005300081101000500134#elbaac#065#1EAC#hex#065#asc  
#LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND DOT BELOW#LATIN CAPITAL LETTER A WIT  
H CIRCUMFLEX AND DOT BELOW#1EAC##  
  
002690000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051005100028052005100079101000500130#elbaad#097#1EAD#hex#097#asc  
#LATIN SMALL LETTER A WITH CIRCUMFLEX AND DOT BELOW#LATIN SMALL LETTER A WITH CI  
RCUMFLEX AND DOT BELOW#1EAD##  
  
002550000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004400028052004400072101000500116#elbaae#065#1EAE#hex#065#asc  
#LATIN CAPITAL LETTER A WITH BREVE AND ACUTE#LATIN CAPITAL LETTER A WITH BREVE A  
ND ACUTE#1EAE##  
  
002510000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004200028052004200070101000500112#elbaaf#097#1EAF#hex#097#asc  
#LATIN SMALL LETTER A WITH BREVE AND ACUTE#LATIN SMALL LETTER A WITH BREVE AND A  
CUTE#1EAF##  
  
002550000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004400028052004400072101000500116#elbab0#065#1EB0#hex#065#asc  
#LATIN CAPITAL LETTER A WITH BREVE AND GRAVE#LATIN CAPITAL LETTER A WITH BREVE A  
ND GRAVE#1EB0##  
  
002510000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004200028052004200070101000500112#elbab1#097#1EB1#hex#097#asc  
#LATIN SMALL LETTER A WITH BREVE AND GRAVE#LATIN SMALL LETTER A WITH BREVE AND G  
RAVE#1EB1##  
  
002650000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004900028052004900077101000500126#elbab2#065#1EB2#hex#065#asc  
#LATIN CAPITAL LETTER A WITH BREVE AND HOOK ABOVE#LATIN CAPITAL LETTER A WITH BR  
EVE AND HOOK ABOVE#1EB2##  
  
002610000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004700028052004700075101000500122#elbab3#097#1EB3#hex#097#asc  
#LATIN SMALL LETTER A WITH BREVE AND HOOK ABOVE#LATIN SMALL LETTER A WITH BREVE

AND HOOK ABOVE#1EB3##  
00255000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051004400028052004400072101000500116#e1bab4#065#1EB4#hex#065#asc  
#LATIN CAPITAL LETTER A WITH BREVE AND TILDE#LATIN CAPITAL LETTER A WITH BREVE AND TILDE#1EB4##  
002510000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051004200028052004200070101000500112#e1bab5#097#1EB5#hex#097#asc  
#LATIN SMALL LETTER A WITH BREVE AND TILDE#LATIN SMALL LETTER A WITH BREVE AND TILDE#1EB5##  
002630000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051004800028052004800076101000500124#e1bab6#065#1EB6#hex#065#asc  
#LATIN CAPITAL LETTER A WITH BREVE AND DOT BELOW#LATIN CAPITAL LETTER A WITH BREVE AND DOT BELOW#1EB6##  
002590000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051004600028052004600074101000500120#e1bab7#097#1EB7#hex#097#asc  
#LATIN SMALL LETTER A WITH BREVE AND DOT BELOW#LATIN SMALL LETTER A WITH BREVE AND DOT BELOW#1EB7##  
002430000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051003800028052003800066101000500104#e1bab8#069#1EB8#hex#069#asc  
#LATIN CAPITAL LETTER E WITH DOT BELOW#LATIN CAPITAL LETTER E WITH DOT BELOW#1EB8##  
002390000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051003600028052003600064101000500100#e1bab9#101#1EB9#hex#101#asc  
#LATIN SMALL LETTER E WITH DOT BELOW#LATIN SMALL LETTER E WITH DOT BELOW#1EB9##  
002450000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051003900028052003900067101000500106#e1baba#069#1EBA#hex#069#asc  
#LATIN CAPITAL LETTER E WITH HOOK ABOVE#LATIN CAPITAL LETTER E WITH HOOK ABOVE#1EBA##  
002410000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051003700028052003700065101000500102#e1babbb#101#1EBB#hex#101#asc  
#LATIN SMALL LETTER E WITH HOOK ABOVE#LATIN SMALL LETTER E WITH HOOK ABOVE#1EBB##  
#  
002350000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051003400028052003400062101000500096#e1babbc#069#1EBC#hex#069#asc  
#LATIN CAPITAL LETTER E WITH TILDE#LATIN CAPITAL LETTER E WITH TILDE#1EBC##  
002310000000001330004500010007000000020004000070100050001101100040001601200040  
0020021000400024051003200028052003200060101000500092#e1babd#101#1EBD#hex#101#asc  
#LATIN SMALL LETTER E WITH TILDE#LATIN SMALL LETTER E WITH TILDE#1EBD##  
002650000000001330004500010007000000020004000070100050001101100040001601200040

0020021000400024051004900028052004900077101000500126#elbabe#069#hex#069#asc

#LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND ACUTE#LATIN CAPITAL LETTER E WITH CI

RCUMFLEX AND ACUTE#1EBE##

0026100000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051004700028052004700075101000500122#elbabf#101#1EBF#hex#101#asc

#LATIN SMALL LETTER E WITH CIRCUMFLEX AND ACUTE#LATIN SMALL LETTER E WITH CIRCUM

FLEX AND ACUTE#1EBF##

0026500000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051004900028052004900077101000500126#elbb80#069#1EC0#hex#069#asc

#LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND GRAVE#LATIN CAPITAL LETTER E WITH CI

RCUMFLEX AND GRAVE#1EC0##

0026100000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051004700028052004700075101000500122#elbb81#101#1EC1#hex#101#asc

#LATIN SMALL LETTER E WITH CIRCUMFLEX AND GRAVE#LATIN SMALL LETTER E WITH CIRCUM

FLEX AND GRAVE#1EC1##

0027500000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051005400028052005400082101000500136#elbb82#069#1EC2#hex#069#asc

#LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE#LATIN CAPITAL LETTER E WI

TH CIRCUMFLEX AND HOOK ABOVE#1EC2##

0027100000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051005200028052005200080101000500132#elbb83#101#1EC3#hex#101#asc

#LATIN SMALL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE#LATIN SMALL LETTER E WITH C

IRCUMFLEX AND HOOK ABOVE#1EC3##

0026500000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051004900028052004900077101000500126#elbb84#069#1EC4#hex#069#asc

#LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND TILDE#LATIN CAPITAL LETTER E WITH CI

RCUMFLEX AND TILDE#1EC4##

0026100000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051004700028052004700075101000500122#elbb85#101#1EC5#hex#101#asc

#LATIN SMALL LETTER E WITH CIRCUMFLEX AND TILDE#LATIN SMALL LETTER E WITH CIRCUM

FLEX AND TILDE#1EC5##

0027300000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051005300028052005300081101000500134#elbb86#069#1EC6#hex#069#asc

#LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND DOT BELOW#LATIN CAPITAL LETTER E WIT

H CIRCUMFLEX AND DOT BELOW#1EC6##

0026900000000013300045000010007000000020004000070100050001101100040001601200040

0020021000400024051005100028052005100079101000500130#elbb87#101#1EC7#hex#101#asc

#LATIN SMALL LETTER E WITH CIRCUMFLEX AND DOT BELOW#LATIN SMALL LETTER E WITH CI

RCUMFLEX AND DOT BELOW#1EC7##

00245000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003900028052003900067101000500106#e1bb88#073#1EC8#hex#073#asc  
#LATIN CAPITAL LETTER I WITH HOOK ABOVE#LATIN CAPITAL LETTER I WITH HOOK ABOVE#1  
EC8##  
00241000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003700028052003700065101000500102#e1bb89#105#1EC9#hex#105#asc  
#LATIN SMALL LETTER I WITH HOOK ABOVE#LATIN SMALL LETTER I WITH HOOK ABOVE#1EC9#  
#  
00243000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003800028052003800066101000500104#e1bb8a#073#1ECA#hex#073#asc  
#LATIN CAPITAL LETTER I WITH DOT BELOW#LATIN CAPITAL LETTER I WITH DOT BELOW#1EC  
A##  
002390000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003600028052003600064101000500100#e1bb8b#105#1ECB#hex#105#asc  
#LATIN SMALL LETTER I WITH DOT BELOW#LATIN SMALL LETTER I WITH DOT BELOW#1ECB##  
002430000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003800028052003800066101000500104#e1bb8c#079#1ECC#hex#079#asc  
#LATIN CAPITAL LETTER O WITH DOT BELOW#LATIN CAPITAL LETTER O WITH DOT BELOW#1EC  
C##  
002390000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003600028052003600064101000500100#e1bb8d#111#1ECD#hex#111#asc  
#LATIN SMALL LETTER O WITH DOT BELOW#LATIN SMALL LETTER O WITH DOT BELOW#1ECD##  
002450000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003900028052003900067101000500106#e1bb8e#079#1ECE#hex#079#asc  
#LATIN CAPITAL LETTER O WITH HOOK ABOVE#LATIN CAPITAL LETTER O WITH HOOK ABOVE#1  
ECE##  
002410000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003700028052003700065101000500102#e1bb8f#111#1ECF#hex#111#asc  
#LATIN SMALL LETTER O WITH HOOK ABOVE#LATIN SMALL LETTER O WITH HOOK ABOVE#1ECF#  
#  
002650000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004900028052004900077101000500126#e1bb90#079#1ED0#hex#079#asc  
#LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND ACUTE#LATIN CAPITAL LETTER O WITH CI  
RCUMFLEX AND ACUTE#1ED0##  
002610000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004700028052004700075101000500122#e1bb91#111#1ED1#hex#111#asc  
#LATIN SMALL LETTER O WITH CIRCUMFLEX AND ACUTE#LATIN SMALL LETTER O WITH CIRCUM  
FLEX AND ACUTE#1ED1##  
002650000000001330045000100070000002000400070100050001101100040001601200040

0020021000400024051004900028052004900077101000500126#e1bb92#079#1ED2#hex#079#asc

#LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND GRAVE#LATIN CAPITAL LETTER O WITH CI

RCUMFLEX AND GRAVE#1ED2##

00261000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051004700028052004700075101000500122#e1bb93#111#1ED3#hex#111#asc

#LATIN SMALL LETTER O WITH CIRCUMFLEX AND GRAVE#LATIN SMALL LETTER O WITH CIRCUM

FLEX AND GRAVE#1ED3##

00275000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051005400028052005400082101000500136#e1bb94#079#1ED4#hex#079#asc

#LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE#LATIN CAPITAL LETTER O WI

TH CIRCUMFLEX AND HOOK ABOVE#1ED4##

00271000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051005200028052005200080101000500132#e1bb95#111#1ED5#hex#111#asc

#LATIN SMALL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE#LATIN SMALL LETTER O WITH C

IRCUMFLEX AND HOOK ABOVE#1ED5##

00265000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051004900028052004900077101000500126#e1bb96#079#1ED6#hex#079#asc

#LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND TILDE#LATIN CAPITAL LETTER O WITH CI

RCUMFLEX AND TILDE#1ED6##

00261000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051004700028052004700075101000500122#e1bb97#111#1ED7#hex#111#asc

#LATIN SMALL LETTER O WITH CIRCUMFLEX AND TILDE#LATIN SMALL LETTER O WITH CIRCUM

FLEX AND TILDE#1ED7##

00273000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051005300028052005300081101000500134#e1bb98#079#1ED8#hex#079#asc

#LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND DOT BELOW#LATIN CAPITAL LETTER O WIT

H CIRCUMFLEX AND DOT BELOW#1ED8##

00269000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051005100028052005100079101000500130#e1bb99#111#1ED9#hex#111#asc

#LATIN SMALL LETTER O WITH CIRCUMFLEX AND DOT BELOW#LATIN SMALL LETTER O WITH CI

RCUMFLEX AND DOT BELOW#1ED9##

00253000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051004300028052004300071101000500114#e1bb9a#079#1EDA#hex#079#asc

#LATIN CAPITAL LETTER O WITH HORN AND ACUTE#LATIN CAPITAL LETTER O WITH HORN AND

ACUTE#1EDA##

00249000000000133000450001000700000020004000070100050001101100040001601200040

0020021000400024051004100028052004100069101000500110#e1bb9b#111#1EDB#hex#111#asc

#LATIN SMALL LETTER O WITH HORN AND ACUTE#LATIN SMALL LETTER O WITH HORN AND ACU

TE#1EDB##

00253000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004300028052004300071101000500114#elbb9c#079#1EDC#hex#079#asc  
#LATIN CAPITAL LETTER O WITH HORN AND GRAVE#LATIN CAPITAL LETTER O WITH HORN AND  
GRAVE#1EDC##  
00249000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004100028052004100069101000500110#elbb9d#111#1EDD#hex#111#asc  
#LATIN SMALL LETTER O WITH HORN AND GRAVE#LATIN SMALL LETTER O WITH HORN AND GRA  
VE#1EDD##  
00263000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004800028052004800076101000500124#elbb9e#079#1EDE#hex#079#asc  
#LATIN CAPITAL LETTER O WITH HORN AND HOOK ABOVE#LATIN CAPITAL LETTER O WITH HOR  
N AND HOOK ABOVE#1EDE##  
002590000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004600028052004600074101000500120#elbb9f#111#1EDF#hex#111#asc  
#LATIN SMALL LETTER O WITH HORN AND HOOK ABOVE#LATIN SMALL LETTER O WITH HORN AN  
D HOOK ABOVE#1EDF##  
00253000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004300028052004300071101000500114#elbba0#079#1EE0#hex#079#asc  
#LATIN CAPITAL LETTER O WITH HORN AND TILDE#LATIN CAPITAL LETTER O WITH HORN AND  
TILDE#1EE0##  
00249000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004100028052004100069101000500110#elbba1#111#1EE1#hex#111#asc  
#LATIN SMALL LETTER O WITH HORN AND TILDE#LATIN SMALL LETTER O WITH HORN AND TIL  
DE#1EE1##  
002610000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004700028052004700075101000500122#elbba2#079#1EE2#hex#079#asc  
#LATIN CAPITAL LETTER O WITH HORN AND DOT BELOW#LATIN CAPITAL LETTER O WITH HORN  
AND DOT BELOW#1EE2##  
002570000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004500028052004500073101000500118#elbba3#111#1EE3#hex#111#asc  
#LATIN SMALL LETTER O WITH HORN AND DOT BELOW#LATIN SMALL LETTER O WITH HORN AND  
DOT BELOW#1EE3##  
00243000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003800028052003800066101000500104#elbba4#085#1EE4#hex#085#asc  
#LATIN CAPITAL LETTER U WITH DOT BELOW#LATIN CAPITAL LETTER U WITH DOT BELOW#1EE  
4##  
002390000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003600028052003600064101000500100#elbba5#117#1EE5#hex#117#asc  
#LATIN SMALL LETTER U WITH DOT BELOW#LATIN SMALL LETTER U WITH DOT BELOW#1EE5##

00245000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003900028052003900067101000500106#elbba6#085#1EE6#hex#085#asc  
#LATIN CAPITAL LETTER U WITH HOOK ABOVE#LATIN CAPITAL LETTER U WITH HOOK ABOVE#1  
EE6#  
00241000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051003700028052003700065101000500102#elbba7#117#1EE7#hex#117#asc  
#LATIN SMALL LETTER U WITH HOOK ABOVE#LATIN SMALL LETTER U WITH HOOK ABOVE#1EE7#  
#  
00253000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004300028052004300071101000500114#elbba8#085#1EE8#hex#085#asc  
#LATIN CAPITAL LETTER U WITH HORN AND ACUTE#LATIN CAPITAL LETTER U WITH HORN AND  
ACUTE#1EE8#  
002490000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004100028052004100069101000500110#elbba9#117#1EE9#hex#117#asc  
#LATIN SMALL LETTER U WITH HORN AND ACUTE#LATIN SMALL LETTER U WITH HORN AND ACU  
TE#1EE9#  
002530000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004300028052004300071101000500114#elbbaa#085#1EEA#hex#085#asc  
#LATIN CAPITAL LETTER U WITH HORN AND GRAVE#LATIN CAPITAL LETTER U WITH HORN AND  
GRAVE#1EEA#  
002490000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004100028052004100069101000500110#elbbab#117#1EEB#hex#117#asc  
#LATIN SMALL LETTER U WITH HORN AND GRAVE#LATIN SMALL LETTER U WITH HORN AND GRA  
VE#1EEB#  
002630000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004800028052004800076101000500124#elbbac#085#1EEC#hex#085#asc  
#LATIN CAPITAL LETTER U WITH HORN AND HOOK ABOVE#LATIN CAPITAL LETTER U WITH HOR  
N AND HOOK ABOVE#1EEC#  
002590000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004600028052004600074101000500120#elbbad#117#1EED#hex#117#asc  
#LATIN SMALL LETTER U WITH HORN AND HOOK ABOVE#LATIN SMALL LETTER U WITH HORN AN  
D HOOK ABOVE#1EED#  
002530000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004300028052004300071101000500114#elbbae#085#1EEE#hex#085#asc  
#LATIN CAPITAL LETTER U WITH HORN AND TILDE#LATIN CAPITAL LETTER U WITH HORN AND  
TILDE#1EEE#  
002490000000001330045000100070000002000400070100050001101100040001601200040  
0020021000400024051004100028052004100069101000500110#elbbaf#117#1EEF#hex#117#asc  
#LATIN SMALL LETTER U WITH HORN AND TILDE#LATIN SMALL LETTER U WITH HORN AND TIL

DE#1EEF##  
0026100000000133000450001000700000020004000070100050001101100040001601200040  
002002100040002405100470028052004700075101000500122#e1bbb0#085#1EF0#hex#085#asc  
#LATIN CAPITAL LETTER U WITH HORN AND DOT BELOW#LATIN CAPITAL LETTER U WITH HORN  
AND DOT BELOW#1EF0##  
0025700000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051004500028052004500073101000500118#e1bbb1#117#1EF1#hex#117#asc  
#LATIN SMALL LETTER U WITH HORN AND DOT BELOW#LATIN SMALL LETTER U WITH HORN AND  
DOT BELOW#1EF1##  
0023500000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003400028052003400062101000500096#e1bbb2#089#1EF2#hex#089#asc  
#LATIN CAPITAL LETTER Y WITH GRAVE#LATIN CAPITAL LETTER Y WITH GRAVE#1EF2##  
0022400000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051002500028052003200053101000500085#e1bbb3#121#1EF3#hex#121#asc  
#y minusculo acento grave#LATIN SMALL LETTER Y WITH GRAVE#1EF3##  
0024300000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003800028052003800066101000500104#e1bbb4#089#1EF4#hex#089#asc  
#LATIN CAPITAL LETTER Y WITH DOT BELOW#LATIN CAPITAL LETTER Y WITH DOT BELOW#1EF  
4##  
0023900000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003600028052003600064101000500100#e1bbb5#121#1EF5#hex#121#asc  
#LATIN SMALL LETTER Y WITH DOT BELOW#LATIN SMALL LETTER Y WITH DOT BELOW#1EF5##  
0024500000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003900028052003900067101000500106#e1bbb6#089#1EF6#hex#089#asc  
#LATIN CAPITAL LETTER Y WITH HOOK ABOVE#LATIN CAPITAL LETTER Y WITH HOOK ABOVE#1  
EF6##  
0024100000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003700028052003700065101000500102#e1bbb7#121#1EF7#hex#121#asc  
#latin small letter y with hook above#LATIN SMALL LETTER Y WITH HOOK ABOVE#1EF7##  
#  
0023500000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003400028052003400062101000500096#e1bbb8#089#1EF8#hex#089#asc  
#LATIN CAPITAL LETTER Y WITH TILDE#LATIN CAPITAL LETTER Y WITH TILDE#1EF8##  
0023100000000133000450001000700000020004000070100050001101100040001601200040  
0020021000400024051003200028052003200060101000500092#e1bbb9#121#1EF9#hex#121#asc  
#latin small letter y with tilde#LATIN SMALL LETTER Y WITH TILDE#1EF9##  
0020600000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001000036052000900046101000500055#e28082#032#2002  
#hex#032#asc##8194;#espaco EN#EN Space#2002##

0020600000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001000036052000900046101000500055#e28083#032#2003  
#hex#032#asc# ,#espaco EM#EM Space#2003##  
00214000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001600036052001100052101000500063#e28089#032#2009  
#hex#032#asc# ,#Espaco estreito#Thin Space#2009##  
00231000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051002200036052002200058101000500080#e2808c#124#200C  
#hex#124#asc#‌,#zero width non-joiner#Zero Width Non-Joiner#200C##  
00223000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001800036052001800054101000500072#e2808d#124#200D  
#hex#124#asc#‍,#zero width joiner#Zero Width joiner#200D##  
00225000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001900036052001900055101000500074#e2808e#032#200E  
#hex#032#asc#‎,#Left-to-Right mark#Left-to-Right Mark#200E##  
00225000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001900036052001900055101000500074#e2808f#032#200F  
#hex#032#asc#‏,#Right-to-Left mark#Right-to-Left Mark#200F##  
0020000000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051000600036052000700042101000500049#e28090#173#2010  
#hex#173#asc#‐,#hifen#Hyphen#2010##  
00227000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051002000036052002000056101000500076#e28091#173#2011  
#hex#173#asc#‑,#hifen nao divisivel#Non-Breaking Hyphen#2011##  
00205000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051000800036052001000044101000500054#e28093#173#2013  
#hex#173#asc#–,#EN DASH#- EN DASH#2013##  
00205000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051000800036052001000044101000500054#e28094#173#2014  
#hex#173#asc#—,#EM DASH#— EM DASH#2014##  
00219000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051001700036052001500053101000500068#e28095#173#2015  
#hex#173#asc#―,#Barra horizontal#Horizontal Bar#2015##  
00224000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051002100036052001600057101000500073#e28097#095#2017  
#hex#095#asc#‗,#Linha dupla inferior#Double Low Line#2017##  
00241000000000145000450001000700000020004000070100050001101100040001601200040  
0020021000400024041000800028051002700036052002700063101000500090#e28098#039#2018  
#hex#039#asc#‘,#LEFT SINGLE QUOTATION MARK#LEFT SINGLE QUOTATION MARK#2018#

```

#  

00243000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051002800036052002800064101000500092#e28099#039#2019  

#hex#039#asc#&#8217;#RIGHT SINGLE QUOTATION MARK#RIGHT SINGLE QUOTATION MARK#201  

9##  

00243000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051002800036052002800064101000500092#e2809a#039#201A  

#hex#039#asc#&#8218;#SINGLE LOW-9 QUOTATION MARK#SINGLE LOW-9 QUOTATION MARK#201  

A##  

002610000000013300045000100070000000200040000701100040001102100040001504100080  

0019051003800027052003800065101000500103320001900108#e2809b#063#hex#asc#&#8219;#  

SINGLE HIGH-REVERSED-9 QUOTATION MARK#SINGLE HIGH-REVERSED-9 QUOTATION MARK#0000  

#tgrl^!1^ke2809B^o1##  

00241000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051002700036052002700063101000500090#e2809c#034#201C  

#hex#034#asc#&#8220;#LEFT DOUBLE QUOTATION MARK#LEFT DOUBLE QUOTATION MARK#201C#  

#  

00243000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051002800036052002800064101000500092#e2809d#034#201D  

#hex#034#asc#&#8221;#RIGHT DOUBLE QUOTATION MARK#RIGHT DOUBLE QUOTATION MARK#201  

D##  

00243000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051002800036052002800064101000500092#e2809e#034#201E  

#hex#034#asc#&#8222;#DOUBLE LOW-9 QUOTATION MARK#DOUBLE LOW-9 QUOTATION MARK#201  

E##  

00263000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051003800036052003800074101000500112#e2809f#063#201F  

#hex#063#asc#&#8223;#DOUBLE HIGH-REVERSED-9 QUOTATION MARK#DOUBLE HIGH-REVERSED-  

9 QUOTATION MARK#201F##  

00203000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051000700036052000900043101000500052#e280a0#134#2020  

#hex#134#asc#&#8224;#Dagger#† DAGGER#2020##  

00216000000001450004500010007000000020004000070100050001101100040001601200040  

002002100040002404100080028051001300036052001600049101000500065#e280a1#135#2021  

#hex#135#asc#&#8225;#Dagger duplo#‡ DOUBLE DAGGER#2021##  

00203000000001330004500010007000000020004000070100050001101100040001602100040  

0020041000800024051001200032052002000044101000500064#e280a6#133#2026#hex#asc#&#8  

230;#reticencias#Horizontal ellipsis#2026##  

00189000000001330004500010007000000020004000070100050001101100040001602100040

```

0020041000800024051000800032052001000040101000500050#e280b0#137#hex#asc##8  
 240;#Por mil#Per Mille#2030##  
 00199000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051000600036052000600042101000500048#e280b2#039#2032  
 #hex#039#asc##8242;#PRIME#PRIME#2032##  
 00217000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001500036052001500051101000500066#e280b5#096#2035  
 #hex#096#asc##8245;#REVERSED PRIME#REVERSED PRIME#2035##  
 00271000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051004200036052004200078101000500120#e280b9#060#2039  
 #hex#060#asc##8249;#Single left-pointing angle quotation mark#SINGLE LEFT-POINT  
 ING ANGLE QUOTATION MARK#2039##  
 00273000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051004300036052004300079101000500122#e280ba#062#203A  
 #hex#062#asc##8250;#Single right-pointing angle quotation mark#SINGLE RIGHT-POI  
 NTING ANGLE QUOTATION MARK#203A##  
 00218000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001600036052001500052101000500067#e28184#047#2044  
 #hex#047#asc##8260;#barra de fracao#FRACTION SLASH#2044##  
 00223000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001700036052001900053101000500072#e281b0#176#2070  
 #hex#176#asc##8304;#zero superscrito#<sup>0</sup> SUPERSCRIPT ZERO#2070##  
 00223000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001900036052001700055101000500072#e281b4#052#2074  
 #hex#052#asc##8308;#quatro superscrito#SUPERSCRIPT FOUR#2074##  
 00222000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001800036052001700054101000500071#e281b5#053#2075  
 #hex#053#asc##8309;#cinco superscrito#SUPERSCRIPT FIVE#2075##  
 00220000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001700036052001600053101000500069#e281b6#054#2076  
 #hex#054#asc##8310;#seis superscrito#SUPERSCRIPT SIX#2076##  
 00222000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001700036052001800053101000500071#e281b7#055#2077  
 #hex#055#asc##8311;#sete superscrito#SUPERSCRIPT SEVEN#2077##  
 00222000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001700036052001800053101000500071#e281b8#056#2078  
 #hex#056#asc##8312;#oito superscrito#SUPERSCRIPT EIGHT#2078##  
 00221000000000145000450001000700000020004000070100050001101100040001601200040  
 0020021000400024041000800028051001700036052001700053101000500070#e281b9#057#2079

```

#hex#057#asc#⁹,#nove superscrito#SUPERSCRIPT NINE#2079##
00244000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100240003605200330006010100500093#e281bf#110#207F
#hex#110#asc#ⁿ,#n minusculo superscrito#SUPERSCRIPT LATIN SMALL LETTER N#20
7F###
002140000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200150004810100500063#e28280#048#2080
#hex#048#asc#₀,#0 subscripto#SUBSCRIPT ZERO#2080##
002130000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200140004810100500062#e28281#049#2081
#hex#049#asc#₁,#1 subscripto#SUBSCRIPT ONE#2081##
002130000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200140004810100500062#e28282#050#2082
#hex#050#asc#₂,#2 subscripto#SUBSCRIPT TWO#2082##
002150000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200160004810100500064#e28283#051#2083
#hex#051#asc#₃,#3 subscripto#SUBSCRIPT THREE#2083##
002140000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200150004810100500063#e28284#052#2084
#hex#052#asc#₄,#4 subscripto#SUBSCRIPT FOUR#2084##
002140000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200150004810100500063#e28285#053#2085
#hex#053#asc#₅,#5 subscripto#SUBSCRIPT FIVE#2085##
002130000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200140004810100500062#e28286#054#2086
#hex#054#asc#₆,#6 subscripto#SUBSCRIPT SIX#2086##
002150000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200160004810100500064#e28287#055#2087
#hex#055#asc#₇,#7 subscripto#SUBSCRIPT SEVEN#2087##
002150000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200160004810100500064#e28288#056#2088
#hex#056#asc#₈,#8 subscripto#SUBSCRIPT EIGHT#2088##
002140000000001450004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002805100120003605200150004810100500063#e28289#057#2089
#hex#057#asc#₉,#9 subscripto#SUBSCRIPT NINE#2089##
002290000000001570004500010007000000020004000070100050001101100040001601200040
002002100040002404100080002804100080003605100110004405200110005510100500066#e28
2a1#162#20A1#hex#162#asc#⁶,#&#8353;,#COLON SIGN#COLON SIGN#20A1##
002070000000001450004500010007000000020004000070100050001101100040001601200040

```

0020021000400024041000800028051001000036052001000046101000500056#e282a4#163#20A4  
#hex#163#asc#₤#LIRA SIGN#LIRA SIGN#20A4#  
002110000000001450004500010007000000200040000701000050001101100040001601200040  
0020021000400024041000800028051001200036052001200048101000500060#e282a7#080#20A7  
#hex#080#asc#₧#PESETA SIGN#PESETA SIGN#20A7#  
001860000000001330004500010007000000200040000701000050001101100040001602100040  
0020041000800024051000500032052001000037101000500047#e282ac#128#20AC#hex#asc#  
364;#Euro#EURO SIGN#20AC#