

Appendix 6

Ψα'ud Coding

Da'ud Notation

Da'ud notation is used in OSCAR to be able to accurately represent non-Latin characters when using a standard keyboard. It's a kind of shorthand that you might run into when you're doing consulting work.

Each Da'ud code is a pair of regular ASCII characters that you can find on your keyboard, enclosed in curly braces. The most recent list can be found at http://oanda.sca.org/data_symbols.html. In this appendix, you will find everything as of 2019, arranged by base character. Below in the chart, you can find your character, and then use the appropriate code. Capitalization matters! For each entry, I've noted the Unicode in hex. To use that in an HTML document, it should be appended by an ampersand (&), an octothorpe (#) and an 'x', and then finished with a semi-colon (;). If you're in a system that recognizes HTML 5.0, I've also included that entity, or "alt code", if it exists.

Name of Character	Da'ud Notation	Unicode	HTML entity

enclose in { }
&#x____; use as printed

There exists also a method in HTML where you can add accent codes to any letter character. Simply put the letter before the code. Don't forget the semi-colon!

ACUTE ACCENT	<code>&#769;</code>	CIRCUMFLEX	<code>&#770;</code>	MACRON	<code>&#772;</code>
DOUBLE ACUTE	<code>&#779;</code>	DIARESIS	<code>&#776;</code>	OGONEK	<code>&#808;</code>
BREVE	<code>&#774;</code>	DOT ABOVE	<code>&#775;</code>	RING ABOVE	<code>&#778;</code>
INVERTED BREVE	<code>&#785;</code>	DOT BELOW	<code>&#803;</code>	RING BELOW	<code>&#805;</code>
CARON	<code>&#780;</code>	GRAVE ACCENT	<code>&#768;</code>	TILDE	<code>&#771;</code>
CEDILLA	<code>&#807;</code>	DOUBLE GRAVE	<code>&#783;</code>		

<p>“a” with acute</p> <p>Á á 00C1 00E1 &Aacute; &aacute;</p>	<p>“A” with breve</p> <p>Ă ă 0102 0103 &Abreve; &abreve;</p>	<p>“A” with inverted breve</p> <p>Ȧ ȧ 0202 0203 A&#785; a&#785;</p>
<p>“A” with caron</p> <p>Ǻ ǻ 01CD 01CE</p>	<p>“A” with circumflex</p> <p>Â â 01C2 01E2 &Acirc; &acirc;</p>	<p>“A” with diaeresis</p> <p>Ä ä 01C4 01E4 &Auml; &auml;</p>
<p>“A” with a dot below</p> <p>Ạ ạ 1EA0 1EA1</p>	<p>“A” with a grave</p> <p>À à 00C0 00E0 &Agrave; &agrave;</p>	<p>“A” with a double grave</p> <p>Ả ả 0200 0201</p>
<p>“A” with a macron</p> <p>Ā ā 0100 0101 &Amacr; &amacr;</p>	<p>“A” with an ogonek</p> <p>Ą ą 0104 0105 &Aogon; &aogon;</p>	<p>“A” with a ring above</p> <p>Ȧ ȧ 00C5 00E5 &Aring; &aring;</p>
<p>“A” with a tilde</p> <p>Ã ã 00C3 00E3 &Atilde; &atilde;</p>	<p>AE Ligature</p> <p>Æ æ 04D4 04D5 &Aelig; &aelig;</p>	<p>“B” with a stroke</p> <p>Ɓ ɓ 0243 0180</p>
<p>“B” with a dot below</p> <p>Ḃ ḃ 01E04 01E05</p>	<p>“B” with a line below</p> <p>Ḅ ḅ 1E06 1E07</p>	<p>“B” with a topbar</p> <p>Ḇ ḇ 0182 0183</p>
<p>“C” with acute</p> <p>Ć ć 0106 0107 &Cacute; &cacute;</p>	<p>“C” with Caron</p> <p>Č č 010C 010D &Ccaron; &ccaron;</p>	<p>“C” with cedilla</p> <p>Ç ç 00C7 00C8 &Ccedil; &ccedil;</p>
<p>“C” with Circumflex</p> <p>Ĉ ĉ 0108 0109 &Ccirc; &ccirc;</p>	<p>“D” with Caron</p> <p>Ǫ ǫ 010E 010F &Dcaron; &dcaron;</p>	<p>“D” with Cedilla</p> <p>Ḍ ḍ 1E10 1E11</p>
<p>“D” with dot below</p> <p>Ḏ ḏ 1E0C 1E0D</p>	<p>“D” with line below</p> <p>Ḑ ḑ 1E0E 1E0F</p>	<p>“D” with stroke</p> <p>Ɖ ɖ 0110 0111 &Dstrok; &dstrok;</p>

<p>"D" with Topbar</p> <p>D- d- Đ đ 018B 018C</p>	<p>"E" with acute</p> <p>E' e' É é 00C9 00E9 &Eacute; &eacute;</p>	<p>"E" with breve</p> <p>Eu eu Ě ě 0114 0115</p>
<p>"E" with inverted breve</p> <p>En en Ê ê 0206 0207</p>	<p>"E" with caron</p> <p>Ev ev Ě ě 011A 011B &Ecaron; &ecaron;</p>	<p>"E" with Circumflex</p> <p>E^ e^ Ê ê 00CA 00EA &Ecirc; &ecirc;</p>
<p>"E" with diaeresis</p> <p>E: e: Ë ë 00CB 00EB &Euml; &euml;</p>	<p>"E" with dot below</p> <p>E. e. Ḑ ḑ 1EB8 1EB9</p>	<p>"E" with grave</p> <p>'E 'e È è 00C8 00E8 &Egrave; &egrave;</p>
<p>"E" with double grave</p> <p>"E" "E" Ě ě 0204 0205</p>	<p>"E" with macron</p> <p>E- e- Ē ē 0112 0113 &Emacr; &emacr;</p>	<p>"E" with ogonek</p> <p>E, e, Ę ę 0118 0119 &Eogon; &eogon;</p>
<p>"E" with tilde</p> <p>E~ e~ Ë ë 1EBC 1EBD</p>	<p>ligature "ff"</p> <p>ff FB00</p>	<p>ligature "fi"</p> <p>fi FB01</p>
<p>ligature "fl"</p> <p>fl FB02</p>	<p>"G" with acute</p> <p>G' g' Ğ ğ 01F4 01F5 &gacute;</p>	<p>"G" with breve</p> <p>Gu gu Ğ ğ 011E 011F &Gbreve; &gbreve;</p>
<p>"G" with caron</p> <p>Gv gv Ĝ ğ 01E6 01E7</p>	<p>"G" with cedilla</p> <p>G, g, Ğ ğ 0122 0123 &Gcedil;</p>	<p>"G" with circumflex</p> <p>G^ g^ Ĝ ğ 011C 011D &Gcirc; &gcirc;</p>
<p>"G" with macron</p> <p>G- g- Ġ ġ 1E20 1E21</p>	<p>"G" with stroke</p> <p>G/ g/ Ġ ġ 01E4 01E5</p>	<p>"H" with cedilla</p> <p>H, h, Ħ ħ 1E28 1E29</p>
<p>"H" with circumflex</p> <p>H^ h^ Ĥ ĥ 0124 0125 &Hcirc; &hcirc;</p>	<p>"H" with diaeuresis</p> <p>H: h: Ĥ ĥ 1E26 1E27</p>	<p>"H" with dot below</p> <p>H. h. Ĥ ĥ 1E22 1E23</p>

<p>"H" with line below</p> <p>h̄ h̄_</p> <p>Ĥ ĥ 1E96</p>	<p>"H" with stroke</p> <p>H/ h/</p> <p>Ĥ ĥ 0126 0127</p> <p> &Hstrok; &hstrok;</p>	<p>"I" with acute</p> <p>İ İ İ'</p> <p>İ İ 00CD 00ED</p> <p> &Iacute; &iacute;</p>
<p>"I" with breve</p> <p>İ İ İu İu</p> <p>İ İ 012C 012D</p>	<p>"I" with inverted breve</p> <p>İ İ İn İn</p> <p>İ İ 020A 020B</p>	<p>"I" with caron</p> <p>İ İ İv İv</p> <p>İ İ 01CF 01D0</p>
<p>"I" with circumflex</p> <p>Î î Î^ î^</p> <p>Î î 00CE 00EE</p> <p> &Icirc; &icirc;</p>	<p>"I" with diaeresis</p> <p>Ï ï Ï: ï:</p> <p>Ï ï 00CF 00EF</p> <p> &Iuml; &iuml;</p>	<p>"I" with dot below</p> <p>İ̇ İ̇ İ̇ İ̇</p> <p>İ̇ İ̇ 1ECA 1ECB</p>
<p>"I" with grave</p> <p>Ì ì Ì' ì'</p> <p>Ì ì 00CC 00EC</p> <p> &Igrave; &igrave;</p>	<p>"I" with double grave</p> <p>Ï̈ ï̈ Ï̈' ï̈'</p> <p>Ï̈ ï̈ 0208 0209</p>	<p>"I" with macron</p> <p>Ī ī Ī- ī-</p> <p>Ī ī 012A 012B</p> <p> &Imacr; &imacr;</p>
<p>"I" with ogonek</p> <p>Į į Į, į,</p> <p>Į į 012E 012F</p> <p> &Iogon; &iogon;</p>	<p>"I" with stroke</p> <p>İ̇ İ̇ İ̇/ İ̇/</p> <p>İ̇ İ̇ 0197 0268</p>	<p>"I" with tilde</p> <p>İ̃ İ̃ İ̃~ İ̃~</p> <p>İ̃ İ̃ 0128 0129</p> <p> &Itilde; &itilde;</p>
<p>ligature "IJ"</p> <p>Ĳ ĳ Ĳ ĳ</p> <p>Ĳ ĳ 0132 0133</p> <p> &Ijlig; &ijlig;</p>	<p>"J" with caron</p> <p>Ĵ ĵ Ĵv ĵv</p> <p>Ĵ ĵ E14B 01F0</p>	<p>"J" with circumflex</p> <p>Ĵ ĵ Ĵ^ ĵ^</p> <p>Ĵ ĵ 0134 0135</p> <p> &Jcirc; &jcirc;</p>
<p>"K" with acute</p> <p>Ķ ķ Ķ' ķ'</p> <p>Ķ ķ 1E30 1E31</p>	<p>"K" with caron</p> <p>Ķ̈ ķ̈ Ķ̈v ķ̈v</p> <p>Ķ̈ ķ̈ 01E8 01E9</p>	<p>"K" with cedilla</p> <p>Ƙ ƙ Ƙ, ƙ,</p> <p>Ƙ ƙ 0136 0137</p> <p> &Kcedil; &kcedil;</p>
<p>"K" with dot below</p> <p>Ƙ̇ ƙ̇ Ƙ̇ ƙ̇</p> <p>Ƙ̇ ƙ̇ 1E32 1E33</p>	<p>"K" with line below</p> <p>Ƙ̅ ƙ̅ Ƙ̅_ ƙ̅_</p> <p>Ƙ̅ ƙ̅ 1E34 1E35</p>	<p>"L" with acute</p> <p>Ł ł Ł' ł'</p> <p>Ł ł 0139 013A</p> <p> &Lacute; &lacute;</p>
<p>"L" with caron</p> <p>Ľ ľ Ľv ľv</p> <p>Ľ ľ 013D 013E</p> <p> &Lcaron; &lcaron;</p>	<p>"L" with cedilla</p> <p>Ł̃ ł̃ Ł̃, ł̃,</p> <p>Ł̃ ł̃ 013B 013C</p>	<p>"L" with dot below</p> <p>Ł̇ ł̇ Ł̇ ł̇</p> <p>Ł̇ ł̇ 1E36 1E37</p>

<p>"L" with line below</p> <p>Ł ł</p> <p>L_ 1E3A l_ 1E3B</p>	<p>"L" with stroke</p> <p>Ł ł</p> <p>L/ 0141 l/ 0142</p> <p>&Lstrok; &lstrok;</p>	<p>"M" with acute</p> <p>Ć ć</p> <p>M' 1E3E m' 1E3F</p>
<p>"M" with dot below</p> <p>Ḣ ḣ</p> <p>M. 1E42 m. 1E43</p>	<p>"N" with acute</p> <p>Ń ń</p> <p>N' 0143 n' 0144</p> <p>&Nacute; &nacute;</p>	<p>"N" with caron</p> <p>ň</p> <p>Nv 0147 nv 0148</p> <p>&Ncaron; &ncaron;</p>
<p>"N" with cedilla</p> <p>Ñ ñ</p> <p>N, 0145 n, 0146</p> <p>&Ncedil; &ncedil;</p>	<p>"N" with dot below</p> <p>Ṇ ṇ</p> <p>N. 1E46 n. 1E47</p>	<p>"N" with line below</p> <p>ṅ</p> <p>N_ 1E48 n_ 1E49</p>
<p>"N" with tilde</p> <p>Ñ ñ</p> <p>N~ 00D1 n~ 00F1</p> <p>&Ntilde; &ntilde;</p>	<p>"O" with acute</p> <p>Ó ó</p> <p>O' 00D3 o' 00F3</p> <p>&Oacute; &oacute;</p>	<p>"O" with breve</p> <p>Ȫ ȫ</p> <p>Ou 014E ou 014F</p>
<p>"O" with inverted breve</p> <p>Ȫ ȫ</p> <p>On 020E on 020F</p>	<p>"O" with caron</p> <p>Ǫ ǫ</p> <p>Ov 01D1 ov 01D2</p>	<p>"O" with circumflex</p> <p>Ô ô</p> <p>O^ 00D4 o^ 00F4</p> <p>&Ocirc; &ocirc;</p>
<p>"O" with diaeresis</p> <p>Ö ö</p> <p>O: 00D6 o: 00F6</p> <p>&Ouml; &ouml;</p>	<p>"O" with a dot below</p> <p>Ȫ ȫ</p> <p>O. 1ECC o. 1ECD</p>	<p>"O" with grave</p> <p>Ò ò</p> <p>'O 00D2 'o 00F2</p> <p>&Ograve; &ograve;</p>
<p>"O" with double greve</p> <p>Ȫ ȫ</p> <p>"O 020C "o 020D</p>	<p>"O" with macron</p> <p>Ō ō</p> <p>O- 014C o- 014D</p> <p>&Omacr; &omacr;</p>	<p>"O" with ogonek</p> <p>Ȫ ȫ</p> <p>O, 492 o, 493</p>
<p>"O" with stroke</p> <p>Ø ø</p> <p>O/ 00D8 o/ 00F8</p> <p>&Oslash; &oslash;</p>	<p>"O" with tilde</p> <p>Õ õ</p> <p>O~ 00D5 o~ 00F5</p> <p>&Otilde; &otilde;</p>	<p>ligature "OE"</p> <p>Œ œ</p> <p>OE 0152 oe 0153</p> <p>&OElig; &oelig;</p>
<p>"P" with acute</p> <p>Ṗ ṗ</p> <p>P' 1E54 p' 1E55</p>	<p>"R" with acute</p> <p>Ŕ ŕ</p> <p>R' 0154 r' 0155</p> <p>&Racute; &racute;</p>	<p>"R" with inverted breve</p> <p>Ŗ ŗ</p> <p>Rn 0212 rn 0213</p>

<p>"R" with caron Rv rv Ř ř 0158 0159 &Rcaron; &rcaron;</p>	<p>"R" with cedilla R, r, Ŕ ŕ 0156 01567 &Rcedil; &rcedil;</p>	<p>"R" with dot below R. r. Ṛ ṛ 1E5A 1E5B</p>
<p>"R" with double grave "R" "r" Ř̈ ř̈ 0210 0211</p>	<p>"R" with line below R_ r_ Ṛ ṛ 1E5E 1E5F</p>	<p>"S" with acute S' s' Ś ś 015A 015B &Sacute; &sacute;</p>
<p>"S" with caron Sv sv Š š 0160 0161 &Scaron; &scaron;</p>	<p>"S" with cedilla S, s, Ș ș 015E 015F &Scedil; &scedil;</p>	<p>"S" with circumflex S^ s^ Ŝ ŝ 015C 015D &Scirc; &scirc;</p>
<p>"S" with dot below S. s. Ș ș 1E62 1E63</p>	<p>ligature "st" st ſt FB06</p>	<p>"T" with caron Tv tv Ť ť 0164 0165 &Tcaron; &tcaron;</p>
<p>"T" with cedilla T, t, Ț ț 0162 0163 &Tcedil; &tcedil;</p>	<p>"T" with diaeresis t: ẗ 1E97</p>	<p>"T" with dot below T. t. Ṭ ṭ 1E6C 1E6D</p>
<p>"T" with line below T_ t_ Ṫ ṫ 1E6E 1E6F</p>	<p>"T" with stroke T/ t/ Ƨ Ƨ 0166 0167 &Tstrok; &tstrok;</p>	<p>"U" with acute U' u' Ú ú 00DA 00FA &Uacute; &uacute;</p>
<p>"U" with breve Uu uu Ů ů 016C 016D &Ubreve; &ubreve;</p>	<p>"U" with inverted breve Un un Ū ū 0216 0217</p>	<p>"U" with caron Uv uv ǚ ǚ 01D3 01D4</p>
<p>"U" with circumflex U^ u^ Û û 00DB 00FB &Ucirc; &ucirc;</p>	<p>"U" with diaeresis U: u: Ü ü 00DC 00FC &Uuml; &uuml;</p>	<p>"U" with dot below U. u. Ṫ ṫ 1EE4 1EE5</p>
<p>"U" with grave 'U 'u Ù ù 00D9 00F9 &Ugrave; &ugrave;</p>	<p>"U" with double grave 'U 'u Û̈ ù̈ 0214 0215</p>	<p>"U" with macron U- u- Ū ū 016A 016B &Umacr; &umacr;</p>

<p>"U" with ogonek</p> <p>Ų ų</p> <p>U, u, 0172 0172 &Uogon; &uogon;</p>	<p>"U" with ring above</p> <p>Ū ū</p> <p>Uo uo 016E 016F &Uring; &uring;</p>	<p>"U" with tilde</p> <p>Ů ů</p> <p>U~ u~ 0168 0169 &Utilde; &utilde;</p>
<p>"U" with vertical line</p> <p>ù</p> <p>u! E724 u&#781;</p>	<p>"V" with dot below</p> <p>Ṽ ṽ</p> <p>V. v. 1E7E 1E7F</p>	<p>"V" with tilde</p> <p>Ṃ ṃ</p> <p>V~ v~ 1E7C 1E7D</p>
<p>"W" with acute</p> <p>Ŵ ŵ</p> <p>W' w' 1E82 1E83</p>	<p>"W" with circumflex</p> <p>Ŷ ŷ</p> <p>W^ w^ 0174 0175 &Wcirc; &wcirc;</p>	<p>"W" with diaeresis</p> <p>Ẁ ẁ</p> <p>W: w: 1E84 1E85</p>
<p>"W" with dot below</p> <p>Ẃ ẃ</p> <p>W. w. 1E88 1E89</p>	<p>"W" with grave</p> <p>Ẅ ẅ</p> <p>'W 'w 1E80 1E81</p>	<p>"W" with ring above</p> <p>Ẇ</p> <p>wō 1E98</p>
<p>"X" with diaeresis</p> <p>Ẋ ẋ</p> <p>X: x: 1E8C 1E8D</p>	<p>"Y" with acute</p> <p>Ÿ Ź</p> <p>Y' y' 00DD 00FD &Yacute; &yacute;</p>	<p>"Y" with circumflex</p> <p>Ȳ ȳ</p> <p>Y^ y^ 0176 0177 &Ycirc; &ycirc;</p>
<p>"Y" with diaeresis</p> <p>ÿ</p> <p>Y: y: 0178 00FF &Yuml; &yuml;</p>	<p>"Y" with dot below</p> <p>Ỳ ỳ</p> <p>Y. y. 1EF4 1EF5</p>	<p>"Y" with grave</p> <p>Ỵ ỵ</p> <p>'Y 'y 1EF2 1EF3</p>
<p>"Y" with ring above</p> <p>Ỳ</p> <p>yō 1E99</p>	<p>"Y" with tilde</p> <p>Ȳ ȳ</p> <p>Y~ y~ 1EF8 1EF9</p>	<p>"Z" with acute</p> <p>Ẑ ẑ</p> <p>Z' z' 377 378</p>
<p>"Z" with caron</p> <p>Ž ž</p> <p>Zv zv 381 382 &Zcaron; &zcaron;</p>	<p>"Z" with circumflex</p> <p>Ẓ ẓ</p> <p>Z^ z^ 1E90 1E91</p>	<p>"Z" with dot below</p> <p>Ẕ ẕ</p> <p>Z. z. 1E92 1E93</p>
<p>"Z" with line below</p> <p>Ẓ ẓ</p> <p>Z_ z_ 1E94 1E95</p>	<p>"Z" with stroke</p> <p>Ẓ ẓ</p> <p>Z/ z/ 01B5 01B6 &imped;</p>	<p>"Eth"</p> <p>Ð ð</p> <p>Dh dh 00D0 00F0 &ETH; &eth;</p>

<p>Þ þ</p> <p>"THORN"</p> <p>TH th</p> <p>00DE 00FE</p> <p>&THORN; &thorn;</p>	<p>Ɔ ɔ</p> <p>"ENG"</p> <p>Ng ng</p> <p>014A 014B</p> <p>&ENG; &eng;</p>	<p>Ʒ ʒ</p> <p>"Ezh"</p> <p>Zh zh</p> <p>01B7 292</p>
<p>Ʒ ʒ</p> <p>"YOGH"</p> <p>Gh gh</p> <p>021C 021D</p>	<p>ß</p> <p>sharp "S"</p> <p>sz</p> <p>00DF</p> <p>&szlig;</p>	<p>Χ χ</p> <p>"CHI"</p> <p>ch</p> <p>03C7</p>
<p>Φ φ</p> <p>"PHI"</p> <p>Ph ph</p> <p>03A6 03C6</p>	<p>Ψ ψ</p> <p>"PSI"</p> <p>Ps ps</p> <p>03A8 03C8</p>	<p>ρ ρ</p> <p>"RHO"</p> <p>rh</p> <p>03C1</p>