

```
Last login: Thu Oct 18 14:32:37 on console
macbookpro-r:ascii admin$ node hello.js "ascii art
using canadian syllabic characters"
```

```
ASCII ART USING CANADIAN SYLLABIC CHARACTERS
```

```
macbookpro-r:ascii admin$ █
```

## ① Designing the font

1. Draw the Letters using a grid. I will use excel to draw in a grid  
need to find interesting characters.  
Unicode ≠ ASCII

I want the full ASCII printable characters

test 1. terminal  
console. Log (String.fromCharCode(425));  
Σ ≡ 425 list of unicode chars

good ✓ i'm able to output weird characters

2. Keep looking for characters

→ not equivalent in unicode for many ASCII i  
using terminal it prints  
an emp nothing.

List: [www.ascii-code.com](http://www.ascii-code.com)

better to choose from a unicode list:

[unicode.lookup.com](http://unicode.lookup.com)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
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17																								
18																								
19																								
20																								

## Extended ASCII Codes

128	Ç	144	É	160	á	176	⌘	192	Ł	208	Ł	224	α	240	■
129	à	145	⊗	161	í	177	⌘	193	ł	209	ł	225	β	241	±
130	é	146	⌘	162	ó	178	⌘	194	ł	210	ł	226	Γ	242	≥
131	â	147	ô	163	û	179	⌘	195	ł	211	ł	227	π	243	≤
132	ä	148	ö	164	ä	180	⌘	196	—	212	ł	228	Σ	244	ƒ
133	å	149	ò	165	ñ	181	⌘	197	†	213	ł	229	σ	245	Ƶ
134	⌘	150	ù	166	⌘	182	⌘	198	‡	214	ł	230	μ	246	+
135	ç	151	û	167	°	183	⌘	199	‡	215	⌘	231	τ	247	≈
136	ê	152	ÿ	168	ù	184	⌘	200	⌘	216	⌘	232	Φ	248	°
137	ë	153	Û	169	⌘	185	⌘	201	⌘	217	⌘	233	⊙	249	·
138	⌘	154	Ü	170	⌘	186	⌘	202	⌘	218	⌘	234	Ω	250	·
139	ï	155	°	171	¼	187	⌘	203	⌘	219	⌘	235	δ	251	√
140	î	156	£	172	½	188	⌘	204	⌘	220	⌘	236	∞	252	⌘
141	⌘	157	⌘	173	⅓	189	⌘	205	⌘	221	⌘	237	φ	253	⌘
142	Ā	158	⌘	174	«	190	⌘	206	⌘	222	⌘	238	ε	254	■
143	Ă	159	ƒ	175	»	191	⌘	207	⌘	223	⌘	239	⌘	255	

Source: [www.LookupTables.com](http://www.LookupTables.com)

## ① Designing the font (cont)

Monospace — keep this in mind. research about monospace

procreate. fig. 1

indigenous  
syllables carriers  
from Canada

3. Select the "equivalent" of western alphabet into indigenous Canadian syllabic codes





K  
 K K 5583 K 5607  
 K K

Unicode character	Oct	Dec	Hex	HTML
Results 1 - 100 of 630				
▽ canadian syllabics e	012001	5121	0x1401	&#5121;
△ canadian syllabics aai	012002	5122	0x1402	&#5122;
△ canadian syllabics i	012003	5123	0x1403	&#5123;
△ canadian syllabics ii	012004	5124	0x1404	&#5124;
▷ canadian syllabics o	012005	5125	0x1405	&#5125;
▷ canadian syllabics oo	012006	5126	0x1406	&#5126;
▷ canadian syllabics y-cree oo	012007	5127	0x1407	&#5127;
▷ canadian syllabics carrier ee	012010	5128	0x1408	&#5128;
▷ canadian syllabics carrier i	012011	5129	0x1409	&#5129;
△ canadian syllabics a	012012	5130	0x140A	&#5130;
△ canadian syllabics aa	012013	5131	0x140B	&#5131;
▽ canadian syllabics we	012014	5132	0x140C	&#5132;
▽ canadian syllabics west-cree we	012015	5133	0x140D	&#5133;
△ canadian syllabics wi	012016	5134	0x140E	&#5134;
△ canadian syllabics west-cree wi	012017	5135	0x140F	&#5135;
△ canadian syllabics wii	012020	5136	0x1410	&#5136;
△ canadian syllabics west-cree wii	012021	5137	0x1411	&#5137;
▷ canadian syllabics wo	012022	5138	0x1412	&#5138;
▷ canadian syllabics west-cree wo	012023	5139	0x1413	&#5139;
▷ canadian syllabics woo	012024	5140	0x1414	&#5140;

⑧ coding

I need a for loop  
checking every char and  
converted to the given  
unicode reference.

for 0 to (String.length-1)  
a string[i] == "a" →  
                  'b'  
                  print. code "c"

ex.

A      good ✓  
B  
(see screenshot. 1)

but: I need to print it horizontal  
like this

AB

before printing I need  
to concatenate my result.  
somewhere. (var?)

search for "concatenate"

probably store this  
in an array

var imprimir = [?, ?, ]

eloquent Javascript pg 62

push = add values

pop = removes

for  
[imprimir.push(inputString[i]);  
Loop

Result: ['a', 'b']  
console.log(imprimir)

but I need to concatenate  
an array into a string

↓ screenshot. 2

Join = concatenate

listaCaracteres.join("");

missing i ✓  
          m

space! I need a  
space.

```
hello.js
1 //console.log('Hello, world');
2 //console.log("this is my argument: " + process.argv[2])
3 //console.log("h h\nhhh\nh h");
4
5 var inputString = process.argv[2];
6
7
8
9 for (var i=0; i<inputString.length; i++) {
10 //console.log(inputString[i]);
11 if (inputString[i] == "a") { console.log(String.fromCharCode(5609));}
12 if (inputString[i] == "b") { console.log(String.fromCharCode(5624));}
13 }
14
15 //
```

```
macbookpro-r:ascii admin$ node hello.js "ab"
A
B
```

```
14 console.log(listaCaracteres)
15 var imprimir = listaCaracteres.join("");
16 console.log(imprimir)
17
18 //if (inputString[i] == "a") { console.log(String.fromCharCode(5609));}
19 //if (inputString[i] == "b") { console.log(String.fromCharCode(5624));}
20
21 //
22
23 macbookpro-r:ascii admin$ node hello.js "cd"
[ 'c', 'd' ]
cd
```

```
macbookpro-r:ascii admin$  
[Restored Oct 18, 2018 at 2:33:20 PM]  
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