Start

Obtain ASCII chart, Define url as the string the user inputs or the hostname of the current URL

Does url have any character(s) that aren't part of the alphabet or numbers between 0-9 with exceptions such as the dots in .com, .org, www., etc

Yes → Display null or undefined → **Stop**

No ↓

Define key and password both as empty strings. Define letter and char as 0 and 1 respectively and length as the amount of characters in the URL

Is char <= length

Yes ↑ Convert the selected character at position char to the equivalent ASCII value. Concatenate the converted character to the end of key

char = char + 1

No →

Is letter < length

Yes ↑ Define lnum as the ASCII equivalent of the selected character in position letter + 1

Plug into the equation (⌐l-length^lnum / letter + letter^lnum * length / (34 + lnum^letter - length^key + letter * key / lnum) * lnum^length % 23 + keyl┐ % (126 - 33) + 33)

Using the answer convert back to the character equivalent and concatenate it to the end of password

letter = letter + 1

No → Display password → **Stop**

Blue rounded rectangles represent the start/end of the process.

Purple diamonds represent selection within the process.

Red rectangles represent sequencing within the process.

Green rectangles represent actions and sequencing in an iteration sequence within the process.