```
Stop

Start

Display null or
undefined

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

char = char + 1

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

Does url have any
character(s) that are part of the
alphabet or numbers between 0-9 with
exceptions such as the dots
in .com, .org, www., etc

No          Yes

Yes

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

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

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

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

Is
char
<=
length

letter = letter + 1

Yes

No

Is
letter
<
length          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.