

### **Key points:**

Keywords or Tags will be contained between \* and \*. Such as \*example\*, \*greeting\*, \*problem\*, etc.

The unique text variations will simulate a conversation where one person asks a question or comments, and one person or more than one person replies using a random selection of answers that apply to each question.

### **Poster and Replier rules:**

1. Header. Each post starts with a header which includes the page's name (Column A, template) poster's name, location, poster's level (user, newbie, amateur, pro, expert, guru, etc.), and amount of posts. A log should be recorded for consistency purposes to keep track of how many posts per user (this can be a txt file). The header will be a separate HTML file that will use "tags" to input the poster's name, location, and expertise level.
2. Consistency. When poster or replier repeats words such as \*product\* or \*item\* or \*person\* etc, in the same CSV cell/row/post, program will use the same \*product\*, \*item\*, \*person\*, etc, as previously selected by the program.
3. Keyword + "other". When poster says \*keyword-other\* (\*product-other\*, \*item-other\*, \*person-other\*, etc.), randomizer will select a different keyword "product", "item", or "person" from the previously mentioned one in the same cell/row/post.
4. Keyword and "variant". When poster or replier uses \*word-variant\* (\*product-variant\*, \*person-variant\* or \*material-variant\*), randomizer will select a variant word from columns C, D, E, F, or G for "product", "person", or "material" from the previously used keyword in the same cell/row.
5. Non-mandatory keywords. Back replies and keywords contained between % and \$ (%\*keyword\*) are not mandatory. By default, they will have a 50 probability assigned to be used.

### **Replier rules:**

1. Reply consistency. When replier replies using the same keywords as the original poster (ex. \*product\*, \*person\*, \*item\*, etc., it will repeat the same chosen keyword (chair, brother, table) as the program selected for the original poster's keywords.
2. Keyword and "other". When replying to poster's \*keyword-other\* (example: stool), replier will repeat the same keyword-other as originally chosen by program (stool) for the poster. Example: Poster says. I like the red \*item\* (chair), is the red \*item-other\* (stool) good too? Replier will say: Yes, the chair (\*item\*) is great, and the stool (\*item-other\*) is great too.
3. Keyword and "variant". When replier replies with \*keyword-variant\* (ex: \*product-variant\*, \*person-variant\* or \*material-variant\*), randomizer will select a variant word from columns C, D, E, F, or G for "product", "person", or "material" from the previously mentioned keyword the original poster used. If the poster didn't use any \*product\*, \*person\* or \*material\*, etc., the program will select one randomly from any of the columns.

### **Question and answers rules:**

1. Consistency. Questions and answers. Keyword and #value#. For questions and answers, program will randomly select from any of the available matching values for the given keyword/question and will also randomly select from any of the available matching values for that keyword/answer. For example, \*question#43##\* is replied by ANY of the \*answer#43##\* possibilities available, \*question#99##\* is replied by ANY of the \*answer#99##\* available, \*question#109##\* is replied by ANY of the \*answer#109##\* available.
2. \*question#random##\* and \*answer#random##\* can never repeat themselves in the same page by either a different poster or a different replier. Same questions cannot repeat themselves in same page or next two rows created.

### **Titles:**

1. If title or \*metatitle\* contains \*keywords\* and poster also used these same \*keywords\*, the \*keyword\* text must match. Example of title: Need to buy chair for my office in \*state\*.

Poster: I live in New York (\*state\*).

Output title should then be: Need to buy chair for my office in New York.

### **Misc:**

1. When poster mentions a \*state\*, his location will match that \*state\* and so will the replier's location.
2. When poster does not mention a state, if the replier's mentions a state, his location will match the state chosen by the program.

## Application Interface

<b>Number of pages to create</b>	<b>25</b>
<b>NON-mandatory keyword probability %</b>	<b>50</b>
<b>Select Rules Template</b>	
<b>Select Keywords Template</b>	<b>Run</b>
<b>Date</b>	
<b>Votes</b>	

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## Overview

Program in Java or .net (Java preferred) will go through CSV cells in a row and resolve tags (\*keywords\*) in order to create unique text variations. All \*keywords\* need to be resolved before text is generated. The program will use a CSV "template" as instructions.

	A	B	C	D	E	F	G	H
1	Page Header	Poster Header	Poster	Poster	Poster	Poster	Poster	Poster
2	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	*solution*	*question#random#*	%*posteroutro*
3	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	%*intro*			*question#random#*	%*posteroutro*
4	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	%*intro*		%*solution*	*question#random#*	%*posteroutro*
5	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	%*intro*	%*problem*		*question#random#*	%*posteroutro*
6								

### Key points:

Keywords or Tags will be contained between \* and \*. Such as \*example\*, \*greeting\*, \*problem\*, etc.

The unique text variations will simulate a conversation where one person asks a question or comments, and one person or more than one person replies using a random selection of answers that apply to each question.

	A	B
1	*greeting*	Hi everyone!
2	*greeting*	Hello everyone!
3	*greeting*	Hi everybody!
4	*intro*	I need some guidance. I am completely new to chairs.
5	*intro*	I am a new mom and need help.
6	*intro*	I am a new mom and need some help.
7	*intro*	I am a new mom and need some guidance.
8	*intro*	I'm wondering if someone in this new forum can help me.
9	*intro*	We are new my *person* and need some guidance.
10	*problem*	My chair broke and I need a new one.
11	*problem*	My chair front leg came off.
12	*problem*	My chair is old and it broke.
13	*solution*	I think it's great that this site chairs are created by accredited workers.
14	*solution*	I think it's great that this site chairs are created by accredited and licensed workers.
15	*solution*	I only wish I would have found out about this site sooner.
16	*solution*	After searching all the web I feel like this site is the right place for parents.
17	*question#1#*	I wanted to ask, does this site provide a complete new solution?
18	*question#1#*	I wanted to ask, does this site provide a truly complete solution for new moms?
19	*question#2#*	I want to ask, is this site a good alternative to *material* chairs?
20	*question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?
21	*question#3#*	I wanted to ask, does this site provide a complete solution for parents?
22	*question#4#*	I would like to know if you would recommend this site for all parents?
23	*posteroutro*	I would appreciate any help.
24	*posteroutro*	Any guidance is welcome!
25	*posteroutro*	Thank you in advance for your help.
26	*material*	plastic
27	*material*	leather
28	*material*	wood

### Example possible outputs (without header) after randomizing through cells and resolving keywords:

1. Hello everyone! I am wondering if this site is indeed a good alternative to wood chairs? Any guidance is welcome!
2. Hello everyone! I wanted to ask, does this site provide a complete solution for parents?
3. Hi everybody! I am a new mom and need help. I only wish I would have found out about this site sooner. I would like to know if you would recommend this site for all parents?
4. Hi everyone! I need some guidance. I am completely new to chairs. My chair front leg came off. I am wondering if this site is indeed a good alternative to plastic chairs?

\*There are many, many different possible combinations because there are different "greetings", "intros", "problems", etc., and because some "keywords" are not required all the time but only have 50% probability of being used (the ones containing % and %).

## Overview

Replier text generated will follow the same logic as Poster's. Script will go through each cell and resolve the keywords selecting randomly from the CSV options for that \*keyword\*.

I	J	K	L	M	N	O
Replier Header	Reply	Reply	Reply	Reply	Reply	Reply
*replyhtmlcode*	*repliergreeting*	*replierintro*	*answer#random#*		%*chairbenefits*%	%*replieroutro*%
*replyhtmlcode*	%*repliergreeting*%	*replierintro*	*answer#random#*	%*advice*%	%*chairbenefits*%	%*replieroutro*%
*replyhtmlcode*	*repliergreeting*	%*replierintro*%	*answer#random#*	%*advice*%		*replieroutro*
*replyhtmlcode*	*repliergreeting*	*replierintro*	*answer#random#*			%*replieroutro*%

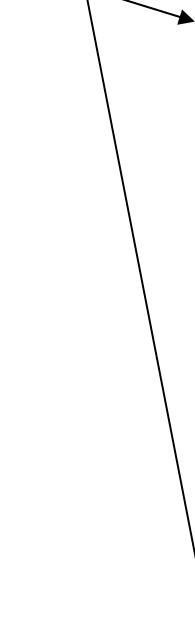
### Example interaction (there are many other possible combinations):

Poster: Hello everyone! I am wondering if this site is indeed a good alternative to **wood** chairs? Any guidance is welcome!

Replier: Hi there! Thank you for your question! Yes, absolutely. Here you will find the best alternative to **wood** chairs! The chairs here are the best in the industry. Hope this helps!

A	B
1 *greeting*	Hi everyone!
2 *greeting*	Hello everyone!
3 *greeting*	Hi everybody!
4 *intro*	I need some guidance. I am completely new to chairs.
5 *intro*	I'm wondering if someone in this new forum can help me.
6 *intro*	We are new my *person* and need some guidance.
7 *problem*	My chair broke and I need a new one.
8 *problem*	My chair front leg came off.
9 *problem*	My chair is old and it broke.
10 *solution*	I think it's great that this site chairs are created by accredited workers.
11 *solution*	I only wish I would have found out about this site sooner.
12 *solution*	After searching all the web I feel like this site is the right place for parents.
13 *question#1**	I wanted to ask, does this site provide a complete new solution?
14 *question#1**	I wanted to ask, does this site provide a truly complete solution for new moms?
15 *question#2**	I want to ask, is this site a good alternative to *material* chairs?
16 *question#2**	I am wondering if this site is indeed a good alternative to *material* chairs?
17 *question#3**	I wanted to ask, does this site provide a complete solution for parents?
18 *posteroutro*	I would appreciate any help.
19 *posteroutro*	Any guidance is welcome!
20 *posteroutro*	Thank you in advance for your help.
21 *material*	plastic
22 *material*	leather
23 *material*	wood
24 *repliergreeting*	Welcome to the blog!
25 *repliergreeting*	Hi there!
26 *repliergreeting*	Hello.
27 *replierintro*	Welcome!
28 *replierintro*	Thank you for your question!
29 *replierintro*	That's a great question!
30 *answer#1**	Yes, we provide a complete solution!
31 *answer#1**	Yes, all of the solutions here are complete!
32 *answer#2**	Yes, absolutely. Here you will find the best alternative to *material* chairs!
33 *answer#2**	Yes, for sure. This site provides the best alternative to *material* chairs.
34 *answer#3**	Yes, this site provides a complete solution for parents!
35 *chairbenefits*	The chairs here are the best.
36 *chairbenefits*	The chairs here are the best in the industry.
37 *replieroutro*	Hope this helps!
38 *replieroutro*	Hope this information helps!

Question value must match with answer value (in this case "2" was randomly selected for the question so one of the "2" answers has to be selected at random for the answer).



## 2. Consistency

Consistency. When poster repeats words such as \*product\* or \*item\* or \*person\* etc, in the same CSV cell/row/post, program will use the same \*product\*, \*item\*, \*person\*, etc, as previously selected by the program.

	A	B	C	D	E	F	G	H
1	Page Header	Poster Header	Poster	Poster	Poster	Poster	Poster	Poster
2	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	*solution*	*question#random#*	%*posteroutro*%

**Example interaction (there are many other possible combinations. Per the rules, only \*keywords\* are required. Other %\*keywords\*% are probability-based.):**

Poster: Hi everybody! I need some guidance. I am completely new to plastic chairs. My plastic chair broke and I need a new one. I am wondering if this site is indeed a good alternative to plastic chairs?

Explanation: Because the keyword originally chosen by random was "plastic" and there is no "other" next to the material keyword (see next page, point 3), the same keyword (plastic) must be repeated for "material".

	A	B
1	*greeting*	Hi everyone!
2	*greeting*	Hi everybody!
3	*intro*	I need some guidance. I am completely new to *material* chairs.
4	*intro*	We are new my *person* and need some guidance.
5	*problem*	My *material* chair broke and I need a new one.
6	*problem*	My chair is old and it broke.
7	*solution*	I think it's great that this site *material* chairs are created by accredited workers.
8	*solution*	After searching all the web I feel like this site is the right place for parents.
9	*question#1#*	I wanted to ask, does this site provide a complete new solution?
10	*question#1#*	I wanted to ask, does this site provide a truly complete solution for new moms?
11	*question#2#*	I want to ask, is this site a good alternative to *material*, *material-other*, *material-other* chairs?
12	*question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?
13	*question#3#*	I wanted to ask, does this site provide a complete solution for parents?
14	*posteroutro*	I would appreciate any help.
15	*posteroutro*	Any guidance is welcome!
16	*material*	plastic
17	*material*	leather
18	*material*	wood
19	*material*	iron
20	*material*	steel
21	*repliergreeting*	Hi everyone!
22	*repliergreeting*	Hello everyone!
23	*replierintro*	Thank you for your question!
24	*replierintro*	That's a great question!
25	*answer#1#*	Yes, we provide a complete solution!
26	*answer#1#*	Yes, all of the solutions here are complete!
27	*answer#2#*	Yes, absolutely. Here you will find the best alternative to *material* chairs!
28	*answer#2#*	Yes, for sure. This site provides the best alternative to *material* chairs.
29	*answer#3#*	Yes, this site provides a complete solution for parents!
30	*chairbenefits*	The wood chair is great.
31	*chairbenefits*	The plast chair is very comfortable.
32	*replieroutro*	Hope this helps!
33	*replieroutro*	Hope this informaiton helps!

### 3. Keyword + other

When poster says \*keyword-other\* (\*product-other\*, \*item-other\*, \*person-other\*, etc.), randomizer will select a different keyword "product", "item", or "person" from the previously mentioned one in the same cell/row/post.

	A	B	C	D	E	F	G	H
1	Page Header	Poster Header	Poster	Poster	Poster	Poster	Poster	Poster
2	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	*solution*	*question#random#*	%*posteroutro*%

**Example interaction (there are many other possible combinations. Per the rules, only \*keywords\* are required. Other %\*keywords\*% are probability-based.):**

Poster: Hi everyone! I need some guidance. I am completely new to chairs. I am wondering if this site is indeed a good alternative to **wood, iron, steel** chairs? Any guidance is welcome!

Explanation: Because the keywords in \*question#2#\* below contained "other", program had to choose other "materials" and not repeat the same material.

	A	B
1	*greeting*	Hi everyone!
2	*greeting*	Hi everybody!
3	*intro*	I need some guidance. I am completely new to chairs.
4	*intro*	We are new my *person* and need some guidance.
5	*problem*	My chair broke and I need a new one.
6	*problem*	My chair is old and it broke.
7	*solution*	I think it's great that this site chairs are created by accredited workers.
8	*solution*	After searching all the web I feel like this site is the right place for parents.
9	*question#1#*	I wanted to ask, does this site provide a complete new solution?
10	*question#1#*	I wanted to ask, does this site provide a truly complete solution for new moms?
11	*question#2#*	I want to ask, is this site a good alternative to *material*, *material-other*, *material-other* chairs?
12	*question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?
13	*question#3#*	I wanted to ask, does this site provide a complete solution for parents?
14	*posteroutro*	I would appreciate any help.
15	*posteroutro*	Any guidance is welcome!
16	*material*	plastic
17	*material*	leather
18	*material*	wood
19	*material*	iron
20	*material*	steel
21	*repliergreeting*	Hi everyone!
22	*repliergreeting*	Hello everyone!
23	*replierintro*	Thank you for your question!
24	*replierintro*	That's a great question!
25	*answer#1#*	Yes, we provide a complete solution!
26	*answer#1#*	Yes, all of the solutions here are complete!
27	*answer#2#*	Yes, absolutely. Here you will find the best alternative to *material* chairs!
28	*answer#2#*	Yes, for sure. This site provides the best alternative to *material* chairs.
29	*answer#3#*	Yes, this site provides a complete solution for parents!
30	*chairbenefits*	The wood chair is great.
31	*chairbenefits*	The plast chair is very comfortable.
32	*replieroutro*	Hope this helps!
33	*replieroutro*	Hope this informaiton helps!

#### 4. Keyword + variant

When poster uses \*word-variant\* (\*course-variant\*, \*person-variant\* or \*subject-variant\*), randomizer will select a variant word from columns C, D, E, F, or G for "course", "person", or "subject" from the previously mentioned one in the same cell.

	A	B	C	D	E	F	G	H
1	Page Header	Poster Header	Poster	Poster	Poster	Poster	Poster	Poster
2	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	*solution*	*question#random#*	%*posteroutro*%

**Example interaction (there are many other possible combinations. Per the rules, only \*greeting\*, \*intro\* \*problem\*, \*solution\* and \*question\* are required.**

Poster: Hi everybody! My **son** again broke his chair. I need to find a new chair now for my **boy**. I need a chair that my **son** will not break. Can you recommend a strong chair?

Explanation: Because the keyword originally chosen by random was "son", the \*person-variant\* that must be used is "boy". Per rule number "3", "son" must be used again when "person" appears (see previous page, point 3).

	A	B	C	D	E	F	G
1	*greeting*	Hi everybody!					
2	*intro*	I need some guidance. I am completely new to chairs.					
3	*intro*	My *person* again broke his chair.					
4	*problem*	I need to find a new chair now for my *person-variant*.					
5	*problem*	My chair is old and it broke.					
6	*solution*	I need a chair that my *person* will not break.					
7	*solution*	I need a good chair that is strong enough for my *person-variant*					
8	*question#1#*	I wanted to ask, does this site provide a complete new solution?					
9	*question#1#*	Can you recommend a *adjective4* chair?					
10	*question#2#*	I want to ask, is this site a good alternative to *material* chairs?					
11	*question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?					
12	*question#3#*	I wanted to ask, does this site provide a complete solution for parents?					
13	*person*	son	boy				
14	*person*	daughter	girl				
15	*adjective1*	difficult	hard	complicated	challenging	confusing	mind-boggling
16	*adjective2*	easy	basic	simple	uncomplicated	straight-forward	
17	*adjective3*	happy	glad	content	delighted	pleased	
18	*adjective4*	strong	hard	steady	reliable		
19	*adjective5*	confused	perplexed	puzzled	bewildered		
20	*replinergreeting*	Hi everyone!					
21	*replinergreeting*	Hello everyone!					

## 5. Non-mandatory keywords

Back replies and \*keywords\* contained between % and % (%\*keyword\*) are not mandatory. By default, they will have a 50 probability assigned to be used. In other words, sometimes they will be used and sometimes they will not be used.

	A	B	C	D	E	F	G	H
1	Page Header	Poster Header	Poster	Poster	Poster	Poster	Poster	Poster
2	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	*solution*	*question#random#*	%*posteroutro*
	mandatory	mandatory	mandatory	mandatory	mandatory	mandatory	mandatory	NON-mandatory

Different rows will create different combinations of text because some cells will be mandatory/required (\*keyword\*) and other cells will be non-mandatory (%\*keyword\*).

	A	B	C	D	E	F	G	H
1	Page Header	Poster Header	Poster	Poster	Poster	Poster	Poster	Poster
2	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	*solution*	*question#random#*	%*posteroutro*
3	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	%*intro*			*question#random#*	%*posteroutro*
4	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	%*greeting*%	*intro*		%*solution*	*question#random#*	%*posteroutro*
5	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	%*intro*	%*problem*		*question#random#*	%*posteroutro*
6	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	%*solution*	*question#random#*	*posteroutro*
7	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	*problem*	%*solution*	*question#random#*	%*posteroutro*
8	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*		%*problem*	%*solution*	*question#random#*	%*posteroutro*
9	*headerhtmlcode* (Medical Forum + Page Title)	*posthtmlcode*	*greeting*	*intro*	%*problem*	%*solution*	*question#random#*	*posteroutro*
10	Etc	Etc	Etc	Etc	Etc	Etc	Etc	Etc
11	Etc	Etc	Etc	Etc	Etc	Etc	Etc	Etc

There are almost endless combinations possible. The image above only shows some different possibilities.

Explanation:

\*keyword\* = mandatory (text needs to be generated 100% of the time)

%\*keyword\* = NON-mandatory, by default it should be generated based on probability value of 50% of the time

Empty cell = nothing to generate, skip this cell and continue with the next cell in the row

## 2. Reply Consistency

Reply consistency. When replier replies using the same keywords as the original poster (ex. \*product\*, \*person\*, \*item\*, etc., it will repeat the same chosen keyword (chair, brother, table) as the program selected for the original poster's keywords.

I Replier Header	J Reply	K Reply	L Reply	M Reply	N Reply	O Reply
*replyhtmlcode*	*repliergreeting*	*replierintro*	*answer#random#*		%*chairbenefits*%	%*replieroutro*%
*replyhtmlcode*	%*repliergreeting*%	*replierintro*	*answer#random#*	%*advice*%	%*chairbenefits*%	%*replieroutro*%
*replyhtmlcode*	*repliergreeting*	%*replierintro*%	*answer#random#*	%*advice*%		*replieroutro*
*replyhtmlcode*	*repliergreeting*	*replierintro*	*answer#random#*			%*replieroutro*%

### Example interaction (there are other possibilities):

Poster: Hi everybody! I need some guidance. I am completely new to plastic chairs. My plastic chair broke and I need a new one. I am wondering if this site is indeed a good alternative to plastic chairs?

Replier: Hi there! That's a great question! Yes, for sure. This site provides the best alternative to plastic chairs.

Explanation: Because the keyword originally chosen by random was "plastic", the same keyword (plastic) must be repeated for "material" by the replier.

A	B
1 *greeting*	Hi everyone!
2 *greeting*	Hi everybody!
3 *intro*	I need some guidance. I am completely new to *material* chairs.
4 *intro*	We are new my *person* and need some guidance.
5 *problem*	My *material* chair broke and I need a new one.
6 *problem*	My chair is old and it broke.
7 *solution*	I think it's great that this site *material* chairs are created by accredited workers.
8 *solution*	After searching all the web I feel like this site is the right place for parents.
9 *question#1#*	I wanted to ask, does this site provide a complete new solution?
10 *question#1#*	I wanted to ask, does this site provide a truly complete solution for new moms?
11 *question#2#*	I want to ask, is this site a good alternative to *material*, *material-other*, *material-other* chairs?
12 *question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?
13 *question#3#*	I wanted to ask, does this site provide a complete solution for parents?
14 *posteroutro*	I would appreciate any help.
15 *posteroutro*	Any guidance is welcome!
16 *material*	plastic
17 *material*	leather
18 *material*	wood
19 *material*	iron
20 *material*	steel
21 *repliergreeting*	Hi there!
22 *repliergreeting*	Hello and welcome!
23 *replierintro*	Thank you for your question!
24 *replierintro*	That's a great question!
25 *answer#1#*	Yes, we provide a complete solution!
26 *answer#1#*	Yes, all of the solutions here are complete!
27 *answer#2#*	Yes, absolutely. Here you will find the best alternative to *material* chairs!
28 *answer#2#*	Yes, for sure. This site provides the best alternative to *material* chairs.
29 *answer#3#*	Yes, this site provides a complete solution for parents!
30 *chairbenefits*	The wood chair is great.
31 *chairbenefits*	The plast chair is very comfortable.
32 *replieroutro*	Hope this helps!
33 *replieroutro*	Hope this informaiton helps!

### 3. Keyword + other

Keyword and "other". When replying to poster's \*keyword-other\* (example: stool), replier will repeat the same keyword-other as originally chosen by program (stool) for the poster. Example: Poster says. I like the red \*item\* (chair), is the red \*item-other\* (stool) good too? Replier will say: Yes, the chair (\*subject\*) is great, and the stool (\*subject-other\*) is great too.

I	J	K	L	M	N	O
Replier Header	Reply	Reply	Reply	Reply	Reply	Reply
*replyhtmlcode*	*repliergreeting*	*replierintro*	*answer#random#*		%*chairbenefits*%	%*replieroutro*%

**Example interaction (there are many other possible combinations. Per the rules, only \*greeting\*, \*intro\* and \*question\* are required. Other keywords are probability-based.):**  
Poster: Hi everyone! I need some guidance. I am completely new to chairs. I am wondering if this site is indeed a good alternative to **wood, and iron** chairs? Any guidance is welcome!  
Replier: Hi there! That's a great question! Yes, absolutely. Here you will find the best alternative to **wood, and iron** chairs.

Explanation: Because the keywords used by poster in \*question#2#\* contained "-other", reply must match the same \*keyword-other\* as the original word selected by the program (steel).

A	B
1 *greeting*	Hi everyone!
2 *greeting*	Hi everybody!
3 *intro*	I need some guidance. I am completely new to chairs.
4 *intro*	We are new my *person* and need some guidance.
5 *problem*	My chair broke and I need a new one.
6 *problem*	My chair is old and it broke.
7 *solution*	I think it's great that this site chairs are created by accredited workers.
8 *solution*	After searching all the web I feel like this site is the right place for parents.
9 *question#1#*	I wanted to ask, does this site provide a complete new solution?
10 *question#1#*	I wanted to ask, does this site provide a truly complete solution for new moms?
11 *question#2#*	I want to ask, is this site a good alternative to *material*, and *material-other* chairs?
12 *question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?
13 *question#3#*	I wanted to ask, does this site provide a complete solution for parents?
14 *posteroutro*	I would appreciate any help.
15 *posteroutro*	Any guidance is welcome!
16 *material*	plastic
17 *material*	leather
18 *material*	wood
19 *material*	iron
20 *material*	steel
21 *repliergreeting*	Hi there!
22 *repliergreeting*	Hello and welcome!
23 *replierintro*	Thank you for your question!
24 *replierintro*	That's a great question!
25 *answer#1#*	Yes, we provide a complete solution!
26 *answer#1#*	Yes, all of the solutions here are complete!
27 *answer#2#*	Yes, absolutely. Here you will find the best alternative to *material* and *material-other* chairs!
28 *answer#2#*	Yes, for sure. This site provides the best alternative to *material* chairs.
29 *answer#3#*	Yes, this site provides a complete solution for parents!
30 *chairbenefits*	The wood chair is great.
31 *chairbenefits*	The plast chair is very comfortable.
32 *replieroutro*	Hope this helps!
33 *replieroutro*	Hope this informaiton helps!

#### 4. Keyword + variant

Keyword and "variant". When replier replies with \*keyword-variant\* (ex. \*product-variant\*, \*item-variant\* or \*person-variant\*, etc., it will select a different "product", "item" or "person" (variant keyword) from columns C, D, E, F, or G for "product", "item", "person", etc., from the previously mentioned as the original poster used. If the replier didn't use any \*product\*, \*item\* or \*person\*, etc., the program will select one randomly from any of the columns.

I	J	K	L	M	N	O
Replier Header	Reply	Reply	Reply	Reply	Reply	Reply
*replyhtmlcode*	*repliergreeting*	*replierintro*	*answer#random#*		%*chairbenefits*%	%*replieroutro*

#### Example interaction (there are many other possible combinations. Per the rules, only \*greeting\*, \*intro\* \*problem\*, \*solution\* and \*question\* are required.

Poster: Hi everybody! My son again broke his chair. I need to find a new chair now for my son. I need a chair that my son will not break. Can you recommend a strong chair?

Replier: Hi there! That's a great question! Yes, you should buy a wood chair for your boy!

Explanation: Because the keyword originally chosen by random was "son", the \*person-variant\* that must be used is "boy".

A	B	C	D	E	F	G
1 *greeting*	Hi everybody!					
2 *intro*	I need some guidance. I am completely new to chairs.					
3 *intro*	My *person* again broke his chair.					
4 *problem*	I need to find a new chair now for my *person-variant*.					
5 *problem*	My chair is old and it broke.					
6 *solution*	I need a chair that my *person* will not break.					
7 *solution*	I need a good chair that is strong enough for my *person-variant*					
8 *question#1#*	I wanted to ask, does this site provide a complete new solution?					
9 *question#1#*	Can you recommend a *adjective4* chair?					
10 *question#2#*	I want to ask, is this site a good alternative to *material* chairs?					
11 *question#2#*	I am wondering if this site is indeed a good alternative to *material* chairs?					
12 *question#3#*	I wanted to ask, does this site provide a complete solution for parents?					
13 *repliergreeting*	Hi there!					
14 *repliergreeting*	Hello and welcome!					
15 *replierintro*	Thank you for your question!					
16 *replierintro*	That's a great question!					
17 *answer#1#*	Yes, we provide a complete solution!					
18 *answer#1#*	Yes, all of the solutions here are complete!					
19 *answer#2#*	Yes, you should buy a wood chair for your *person-variant*					
20 *answer#2#*	Yes, for sure. This site provides the best alternative to *material* chairs.					
21 *answer#3#*	Yes, this site provides a complete solution for parents!					
22 *person*	son	boy				
23 *person*	daughter	girl				
24 *adjective1*	difficult	hard	complicated	challenging	confusing	mind-boggling
25 *adjective2*	easy	basic	simple	uncomplicated	straight-forward	
26 *adjective3*	happy	glad	content	delighted	pleased	
27 *adjective4*	strong	hard	steady	reliable		
28 *adjective5*	confused	perplexed	puzzled	bewildered		
29 *repliergreeting*	Hi everyone!					
30 *repliergreeting*	Hello everyone!					

## 5. Misc Fields for CSV Output

System name = copy value from above cell + 1 (Example: blog-products1, blog-products2, blog-products3, blog-products4, etc.)

Include in sitemap= No special rule needed

Title= No special rule needed

Body = populate with content generated from "CSV Template" cells A through Q (I believe Selenium cannot copy everything from Body cell because there is a limit in characters Selenium can copy and paste, the other developer had said. If so, this is not needed and Selenium can take info from output file like other program is doing)

Meta Keywords (P) = No special rule needed (it will simply use \*metakeywords\* from CSV)

Meta description (Q) = \*question#random#\* (same as Poster's \*question#random##\* BUT only use first 30 words)

Meta title = No special rule needed

Search engine friendly page name = \*metatitle\* + -##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-21332")

T	U	V	W	X	Y	Z	AA
System name	Include in sitemap	Title	Body	Meta keywords	Meta description	Meta title	Search engine friendly page name
blog-products						*metatitle*	

The screenshot shows a forum post with a red arrow pointing from the 'Search engine friendly page name' cell in the CSV template to the post title 'Where can I buy a good chair?'. Another red arrow points from the 'Meta title' cell to the user 'kubbsy' in the post. A third red arrow points from the 'Meta description' cell to the message content.

## 6. Page header and post header sections (dynamic elements)

X	Y	Z	AA
Meta keywords	Meta description	Meta title	Search engine friendly page name
*metalist*	*question#random##* (same *metatitle*		Search engine friendly page name = *pagetitle* + -##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-21332")
*metalist*	*question#random##* (same *metatitle*		Search engine friendly page name = *pagetitle* + -##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-27412")
*metalist*	*question#random##* (same *metatitle*		Search engine friendly page name = *pagetitle* + -##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-28132")
*metalist*	*question#random##* (same *metatitle*		Search engine friendly page name = *pagetitle* + -##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-21492")
repeat	repeat	repeat	

Examples of how Top1.csv determines the “built” of a single page  
EACH row of the CSV builds one page

**Page header**

Poster header  
Greeting  
Question

1 page produced  
by program

Replier header  
Greeting  
Answer  
**Footer + Pagination**

Or

**Page header**

Poster header  
Greeting  
Question

1 page produced  
by program

Replier header  
Greeting  
Answer

Poster header  
Greeting  
Question

Replier header  
Greeting  
Answer

**Footer + Pagination**

Or

**Page header**

Poster header  
Greeting  
Question

1 page produced  
by program

Replier header  
Greeting  
Answer

Poster header  
Greeting  
Question

Replier header  
Greeting  
Answer

Poster header  
Greeting  
Question

Replier header  
Greeting  
Answer

**Footer + Pagination**

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Meta title's keywords must match posters keywords (if both use the same keywords)  
For example: if poster used \*state\* and the meta title contains \*state\*, then the meta title's \*state\* keyword must match the poster's \*state\* keyword.

Meta title must use the same #number# as the question.

\*Metatitle#1#\*  
\*Metatitle#2#\*  
\*Metatitle#3#\*  
\*Metatitle#4#\*  
\*Metatitle#5#\*

For example, if the question used was #4#, the metatitle to be used will be #4#.

For example, if the question used was #2#, the metatitle to be used will be #2#.

## Pending questions you had: Reply Back

1. Reply back example: How does it work? Program quotes initial question or answer in italics and light grey and two pixels larger font when “rules” CSV contains the following cells below.

D	E	F	G	H	I	J
Replier Head Reply	Replier Head Reply	Reply	Replier Head Reply			
*replyhtmlcode* *answer#ran*	*replyhtmlcode* *answer#ran*	*outro1*	*replyhtmlcode* *answer#			
*replyhtmlcode* *answer#ran*	*replyhtmlcode* *answer#ran*	*outro2*	*replyhtmlcode* *answer#			
*replyhtmlcode* *answer#ran*	*replyhtmlcode* *answer#ran*	*outro3*	*replyhtmlcode* *answer#			
*replyhtmlcode* *answer#ran*	*replyhtmlcode* *answer#random#*		*replyhtmlcode* *answer#			

2. How does the program know which question and answer to “quote” This applies to the question and answer contained between Poster Header and Poster Header. One quote tag is used to quote the question, another quote tag to quote the answer.

%Poster Reply Back% (if yes, then include *posthtmlcode* header)		%Reply% (if yes, then include *replyhtmlcode* header)		
N	O	P	Q	R
Reply	Reply	%Poster Reply Back% (if yes, then include *posthtmlcode* header)	%Reply% (if yes, then include *replyhtmlcode* header)	Page Footer
%*chairbenefi%	%*replieroutro%	%*posterreplyback%	%*replierreplyback%	*footerhtmlcode < 1.2.3.4.5
%*chairbenefi%	%*replieroutro%	%*posterreplyback%	%*replierreplyback%	*footerhtmlcode < 1.2.3.4.5
*replieroutro*	%*posterreplyback%	%*replierreplyback%	%*replierreplyback%	*footerhtmlcode < 1.2.3.4.5
%*replieroutro%	%*posterreplyback%	%*replierreplyback%	%*replierreplyback%	*footerhtmlcode < 1.2.3.4.5

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Page Header	Poster Header	Poster	Poster	Poster	Replier Head Reply	Reply	Reply	Reply	Reply	Reply	%Poster Reply% %Reply% (if yes, then include *posthtmlcode* header)	Poster Header	Page Header	
*headerhtmlcode*					*question#random#*	*metatitle* *replyhtmlcode* %*repliergr*	*replierin*	*answer#random#*			%*replierou*	*posterreplybac*	*replierreplyback*	*posthtmlcode*

**Re: Question about weight capacity for the chairs with seat tilt**

by Frank »

Hello Elnora - The weight capacity on the chairs with seat tilt is 300 lbs. Check Our Products Now!

**Question about footing for the pneumatic stools**

by Annabelle »

Hi Top Medical USA! Do you recommend a footing for the medium bench height pneumatic stools?

**Re: Question about footing for the pneumatic stools**

by Frank »

Annabelle - Yes, we recommend to include a footing for all medium bench height and high bench height pneumatic stools. Check Our Products Now!

**Re: Question about footing for the pneumatic stools**

by Annabelle »

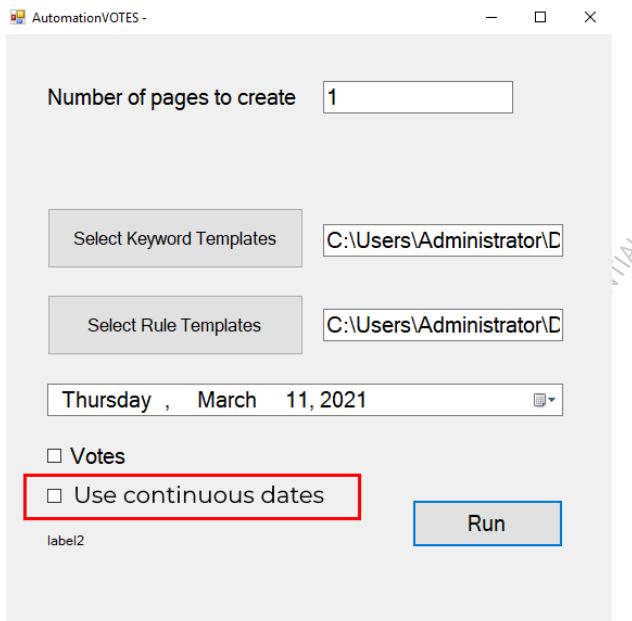
“ Frank wrote:

Annabelle - Yes, we recommend to include a footing for all medium bench height and high bench height pneumatic stools. Check Our Products Now!

Another example (same logic). Below you can see CSV values. Note: Program did not insert name because my partner used a comma instead of @

<b>Question about ease</b>	“	Selena Level: Newbie Location: Mississippi Posts: 11
□ by Selena »		
Hello!! My grandfather has been dealing with damaged disks for some weeks. Is there a seat that you would prescribe to ease this condition?		
<b>initial post and question#</b>		
<b>Re: Question about ease</b>	“	Lisa Level: Representative Location: United States Posts: 427
□ by Lisa »		
<b>replier post and answer#</b>		
Hello Selena - Thank you for contacting Top Medical USA. All of our chairs and stools are perfectly suitable for most back pain related symptoms, and will surely help to ease the damaged disks. Check Our Products Now!		
<b>Re: Question about ease</b>	“	Selena Level: Newbie Location: Mississippi Posts: 11
□ by Selena »		
<b>quote tag quoting previous poster's "post"</b>		
Hello Selena - Thank you for contacting Top Medical USA. All of our chairs and stools are perfectly suitable for most back pain related symptoms, and will surely help to ease the damaged disks. Check Our Products Now!		
Thank you,		
<b>Re: Question about ease</b>	“	Lisa Level: Representative Location: United States Posts: 427
□ by Lisa »		
<b>quote tag quoting previous "post"</b>		
“ Selena wrote:		
Thank you,		
Glad I could help.	i25	
	i26 *posterreplyback*	Thanks for the help *repliername*.
	i27 *posterreplyback*	Thanks for the help *repliername*!
	i28 *posterreplyback*	Thank you *repliername*
	i29 *posterreplyback*	Thank you *repliername*!
	i30	
	i31 *posterreply*	Thank you for the suggestions
	i32 *posterreply*	I appreciate the feedback!
	i33	
	i34	
	i35 *replierreplyback*	You are welcome!
	i36 *replierreplyback*	You are welcome
	i37 *replierreplyback*	You're welcome
	i38 *replierreplyback*	You're most welcome
	i39 *replierreplyback*	No problem!
	i40 *replierreplyback*	No problem
	i41	

Continuous dates option: Each output file in batch picks up from the last date the previous file left off on + random number of days added.



file:///C:/Users/Administrator/Desktop/web\_11.html

2Can I homeschool in Cambridge, Waterloo School District, New York

D Allison » Thu, 11 Mar 2021 17:22:54 PM

May parents home-school in New Jersey on Wednesday? I want to home-school my daughter in April.

Re: 2Can I homeschool in Cambridge, Waterloo School District, New York

D John » Fri, 12 Mar 2021 04:20:54 AM

What case law exists regarding homeschooling in New Jersey? location1 v. Vaughn 44 N.J. 142 (1965): This case deals with the procedure employed when a parent/guardian is charged with failing to cause the child to attend school under the compulsory education law. During prosecution of a case against a parent/guardian for a violation of the compulsory education law, the location1 needed only to allege a violation of the statute. It was then incumbent upon the parent/guardian to introduce evidence showing that they are relying on one of the two statutory exceptions (day school or equivalent instruction elsewhere than at school). Once there is such evidence in the case, the burden of persuasion shifts to the state to prove that the parent/guardian is willfully violating the law.

Re: 2Can I homeschool in Cambridge, Waterloo School District, New York

D Lisa » Sat, 13 Mar 2021 01:24:54 AM

No. You can't home-school her in New Jersey this year.

Re: 2Can I homeschool in Cambridge, Waterloo School District, New York

D Walter » Tue, 16 Mar 2021 01:11:54 AM

Not now. You can't home-school in New Jersey in April but maybe in the future.

file:///C:/Users/Administrator/Desktop/web\_12.html

Quality seats and chairs < Universities and colleges < About

Can I homeschool in St. Catharines in Niagara School District

Chairs and Stools: Steve

Can I homeschool in St. Catharines in Niagara School District

D Bailey » Thu, 11 Mar 2021 16:43:35 PM

next file should continue from  
last date plus random quantity of days  
added by the program (e.g. 16 March or  
17 March or  
18 March, etc.)

May parents home school in New Jersey on Tuesday? I want to home school my daughter in July.

Re: Can I homeschool in St. Catharines in Niagara School District

D Walter » Mon, 15 Mar 2021 17:48:35 PM

Never. You can't home-school your girl in New Jersey on Tuesday but you can homeschoo on Wednesday.

Re: Can I homeschool in St. Catharines in Niagara School District

D Steve » Tue, 16 Mar 2021 15:49:35 PM

No. You can't home-school your girl in New Jersey this year.

Re: Can I homeschool in St. Catharines in Niagara School District

D John » Wed, 17 Mar 2021 11:23:35 AM

What case law exists regarding homeschooling in New Jersey? location1 v. Vaughn 44 N.J. 142 (1965): This case deals with the procedure employed when a parent/guardian is charged with failing to cause the child to attend school under the compulsory education law. During prosecution of a case against a parent/guardian for a violation of the compulsory education law, the location1 needed only to allege a violation of the statute. It was then incumbent upon the parent/guardian to introduce evidence showing that they are relying on one of the two statutory exceptions (day school or equivalent instruction elsewhere than at school). Once there is such evidence in the case, the burden of persuasion shifts to the state to prove that the parent/guardian is willfully violating the law.

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### Paginator questions you had (from page 12 also):

X	Y	Z	AA
Meta keywords	Meta description	Meta title	Search engine friendly page name
*metalist*	*question#random#* (same *metatitle*		Search engine friendly page name = *pagetitle* + ##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-21332")
*metalist*	*question#random#* (same *metatitle*		Search engine friendly page name = *pagetitle* + ##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-27132")
*metalist*	*question#random#* (same *metatitle*		Search engine friendly page name = *pagetitle* + ##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-28132")
*metalist*	*question#random#* (same *metatitle*		Search engine friendly page name = *pagetitle* + ##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-21492")
*metalist*	repeat	repeat	repeat

pagetitle = metatitle. The two words are used interchangeably to refer to the same thing

Program will need to create separate CSV file which Selenium will use to populate fields in my system. Today I sent you an example of this file. Column AA above explains the logic which is:

Search engine friendly page name = \*metatitle\* + -##### (generate a random 5 digit number to append at the end of the text in the cell. For example, "chair ideas for hospitals-21332")

Program must remove these following symbols from URL or it will cause an error in the paginator:

?

. (period)

' (apostrophe) For example: http://www.topmedicalusa.com/what's-a-good-university-chair) The quote or apostrophe in "what's" will create an error in the pagination

-- (double hyphen or dash should become only 1 hyphen or dash (-)

! (exclamation mark)

@

Those symbols have to be removed automatically by the program or the URLs will not work. If it's easier, we can use a .txt file and I can enter the symbols there in case they need to be updated in the future for additional symbols.

The paginator is included on the bottom of each output file so user can navigate back and forth between pages.

2. For the meta keywords column E, the program will take the first 30 words that appear in the original post without any html symbols or tags (just the plain text). It should not show any repeated words.

The list of meta keywords the program generates automatically has an exception text file of words it should not use if they appear. The name of the exception text file is called: metalist

Example of the metalist file contents:

My,Your,Yes,with,at,from,into,during,including,until, <, >, #, /, http, https, :, etc., .....



## Review 03-14

**Bug 1:** Mandatory keywords: Program created 6 pages and it stopped when I indicated to the program that it should create “20” pages.

!*day*!	Monday
!*day*!	Tuesday
!*day*!	Wednesday
!*day*!	Thursday
!*day*!	Friday
!*day*!	Saturday
!*day*!	Sunday

The program should use each of the keywords above at least one time, before it repeats any of these keywords in a new page/output html file. The mandatory words apply to a single session. If I create 30 pages in one session, it will remember the mandatory words used for that session of 30 pages only. During a new session, the program will begin from zero again (this is because in 30 pages it will have covered all 7 keywords already). **Further explanation:** If the CSV has 100 mandatory cities and I only create 50 pages, the program will know which 50 cities it has already used. If I create as many pages (100) as mandatory keywords (100), then it will not need to remember anything because it already used one of each mandatory keyword. This is what I meant by it will begin from zero again. This is the reason for recording the keywords used in the CSV.

**Bug 2.** Program is repeating the same poster in different questions in certain page/html outputs

Good day! May parents engage in homeschooling in New Jersey on Wednesday? I want to engage in homeschooling my daughter in April.

**Re: xQuestion about homeschooling in Kingston, Frontenac School District, New York**

Greta » Mon, 15 Mar 2021 17:27:45 PM

Hello there! Good afternoon Never. You can't engage in homeschooling her in New Jersey on Wednesday but you can homeschool on Friday.

**Ols it lawful to homeschool in Guelph, PPPP New York?**

Greta » Tue, 23 Mar 2021 21:30:45 PM

Can parents home school in New Jersey on Saturday? I want to home school my daughter in April.

**Re: Ols it lawful to homeschool in Guelph, PPPP New York?**

Lara » Fri, 19 Mar 2021 07:55:45 AM

Hello there! Good afternoon Never. You can't engage in homeschooling her in New Jersey on Wednesday but you can homeschool on Friday.

**Re: Re: Ols it lawful to homeschool in Guelph, PPPP New York?**

by Greta » Sat, 27 Mar 2021 03:43:45 AM

Can I engage in homeschooling in Guelph, PPPP New York specially on Saturday in April? Certainly. You can engage in homeschooling in Wellington School District but only on Wednesday and NEVER, NEVER before then.

**Ols it lawful to homeschool in PPPP New York?**

Greta » Sun, 04 Apr 2021 16:55:45 PM

Hi there! Good day there! I have a problem 3 I wonder if parents are homeschool in New Jersey on Tuesday? I want to homeschool my daughter in April.

**Bug: Program (random) always selected the same person even though there are 3 posters from New Jersey and there are 3 other questions which do not use \*state\* with 122 possible posters**

## Questions You Had

1: "Page title" is the same as "meta title" The two words are used interchangeably to refer to the same thing (see page 18 top section for additional explanation and page 14)

2. Paginator: This is detailed in the Specs document and I re-explained this on page 18. If you have a specific question, let me know. **The Paginator is inserted at the bottom of each output file. It contains the navigation for the next previous and next pages depending on its position.**

3. Mandatory words. Keywords containing ! (example: !\*state\*!, !\*day\*!, etc.) will be used at least once before they are repeated. In other words, if this is the keyword list:

!\*city\*! New York  
!\*city\*! Los Angeles  
!\*city\*! Miami  
!\*city\*! Denver

The program will use each of the keywords above at least one time, before it repeats any of these keywords in a new page/output html file. The mandatory words apply to a single session. If I create 30 pages in one session, it will remember the mandatory words used for that session of 30 pages only. During a new session, the program will begin from zero again. **If the CSV has 100 mandatory cities and I only create 50 pages, the program will know which 50 cities it has already used. If I create as many pages (100) as mandatory keywords (100), then it will not need to remember anything because it already used one each. This is what I meant by it will begin from zero again. This is the reason for recording the keywords used in the CSV.**

Still pending completion:

1. Two bugs mentioned on previous page
2. Paginator
3. Mandatory keywords logic (**bug**)
4. Output CSV file (**I will update document to make more understandable**)

```
<nav>
<ul class="pagination">
<ul class="pagination justify-content-center">
<li class="page-item"><a class="page-link" tabindex="-1" href="#">Previous</a></li>
<li class="page-item"><a class="page-link" href="#">1</a></li>
<li class="active"><a class="page-link" href="#">2 </a></li>
<li class="page-item"><a class="page-link" href="#">3</a></li>
<li class="page-item"><a class="page-link" href="#">4</a></li>
<li class="page-item"><a class="page-link" href="#">5</a></li>
<li class="page-item"><a class="page-link" href="#">Next</a></li>
</ul>
</ul>
</nav>
```