

科目名	年度	レポート番号	クラス	学籍番号	名前
API 実習	2021	2	A	20120027	上沼 大和

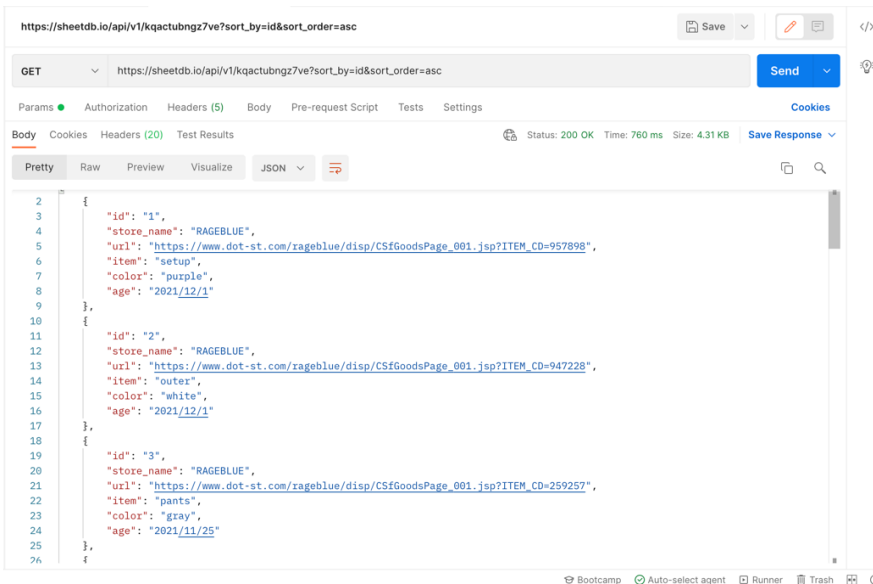
レポートは最大 4 ページ以内とします。ページ数や文字数よりも、わかりやすく書けているかどうか、点数アップの分かれ目です。

SheetDB を使って Google スプレッドシートをもとに API を作成した場合、迷った時は SheetDB の公式ドキュメントをご確認ください。

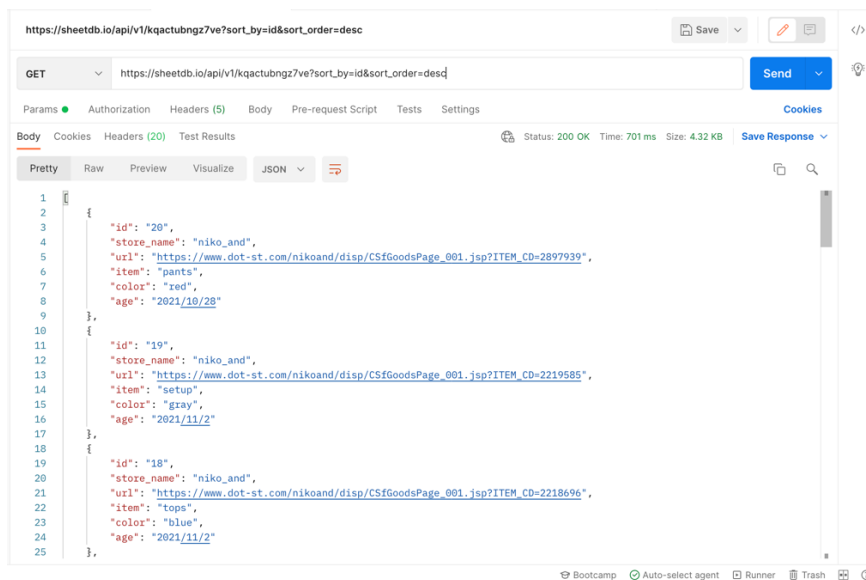
- Google スプレッドシートをもとに作成した API について、以下を報告すること。
 - 作成した独自データの概要(2 行くらいで説明せよ)
 - 作成した Google スプレッドシートの URL
 - API エンドポイントの URL
- (ア) 今回作成したスプレッドシートは、私が最近購入した服を題材に作成しています。“store_name”がブランド名、“url”が商品を掲載しているリンクページ、“item”が商品の種類、“color”がアイテムカラー、“age”が購入日になります。
- (イ) <https://docs.google.com/spreadsheets/d/1MDCYdkYfU1SPqYOSD4ViYzJchufC4CXbuwygLTtSGJk/edit#gid=0>
- (ウ) <https://sheetdb.io/api/v1/kqactubngz7ve>

- 作成した API について、POSTMAN などによる GET におけるパラメータおよび検索の確認。
 - パラメータの使用
 - sort_order

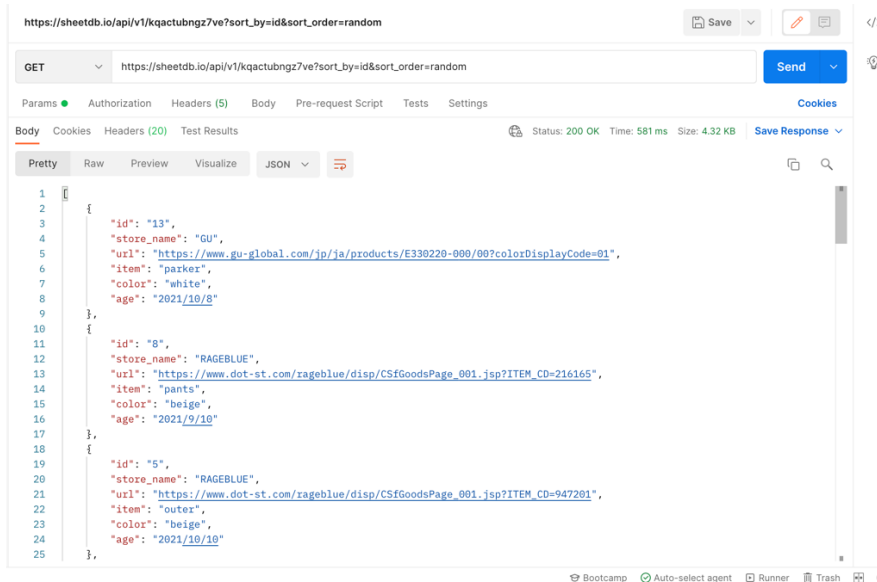
・昇順: https://sheetdb.io/api/v1/kqactubngz7ve?sort_by=id&sort_order=asc



・降順: https://sheetdb.io/api/v1/kqactubngz7ve?sort_by=id&sort_order=desc

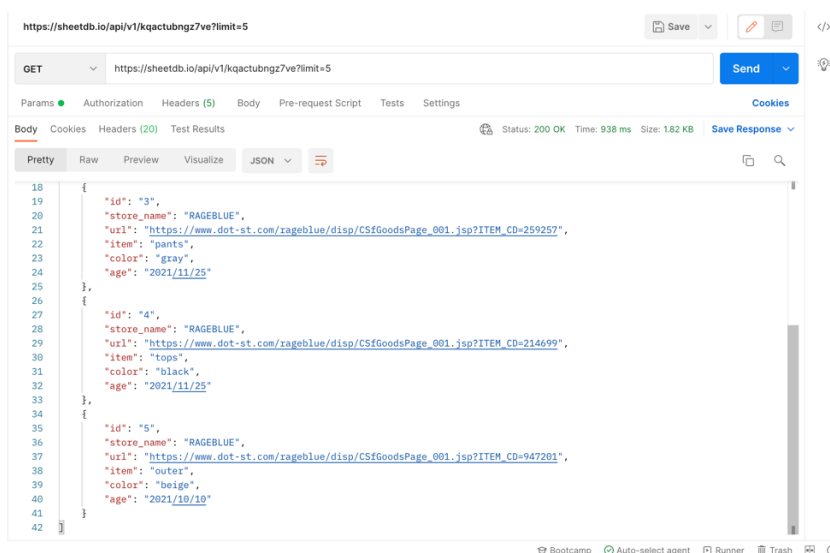


・ランダム: https://sheetdb.io/api/v1/kqactubngz7ve?sort_by=id&sort_order=random



② limit

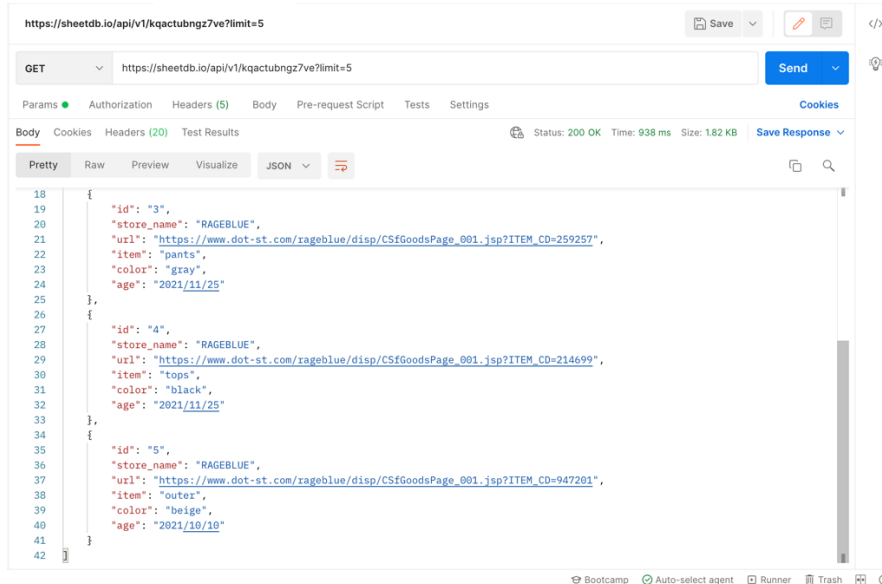
・5列目までを表示: <https://sheetdb.io/api/v1/kqactubngz7ve?limit=5>



③ Search

•store_name 内の「GU」を表示

https://sheetdb.io/api/v1/kqactubngz7ve/search?store_name=GU



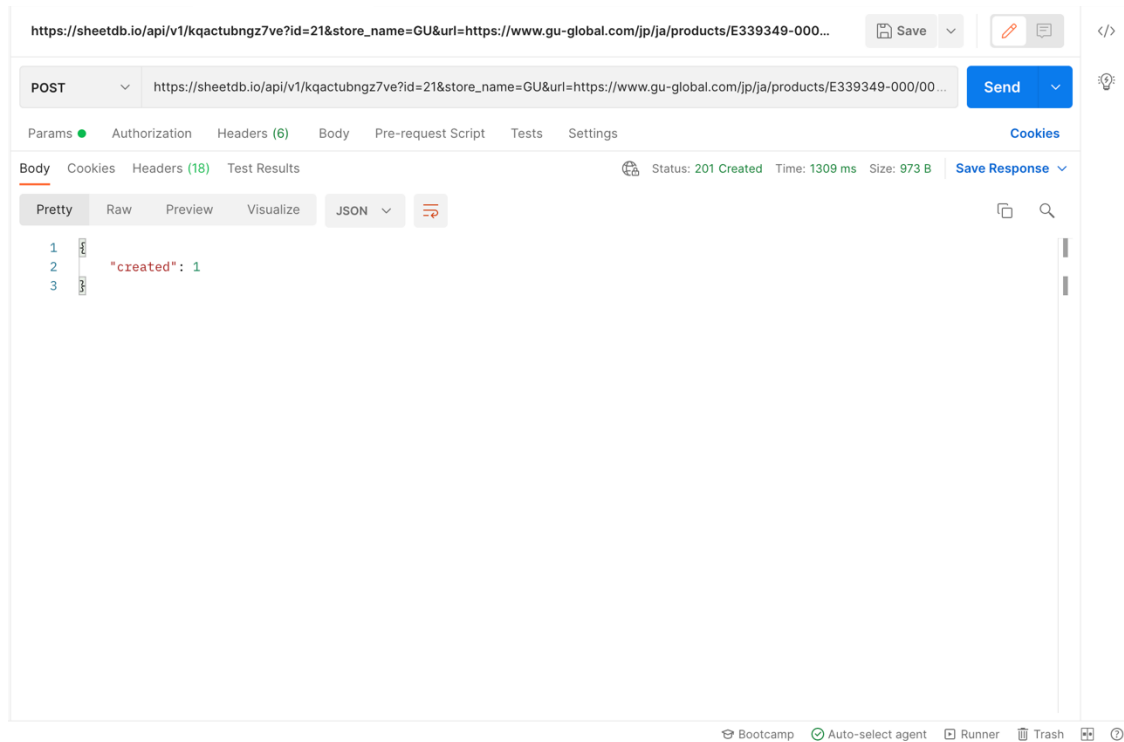
3. 作成した API について、POSTMAN などによる POST および DELETE の確認。

(ア) POST の実行結果

↓元のスプレッドシート

	A	B	C	D	E	F	G	H
F25		id	store_name	url	item	color	age	
1		1	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=957898	setup	purple	2021/12/1	
2		2	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=947228	outer	white	2021/12/1	
3		3	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=259257	pants	gray	2021/11/25	
4		4	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=214699	tops	black	2021/11/25	
5		5	GU	https://www.gu-global.com/jp/ja/products/E336344-000/00?colorDisplayCode=08	outer	black	2021/11/16	
6		6	GU	https://www.gu-global.com/jp/ja/products/E339810-000/00?colorDisplayCode=30	pants	blue	2021/11/16	
7		7	GU	https://www.gu-global.com/jp/ja/products/E334713-000/00?colorDisplayCode=27	tops	red	2021/10/8	
8		8	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=947201	outer	beige	2021/10/10	
9		9	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=228059	setup	green	2021/10/10	
10		10	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=216165	pants	white	2021/9/10	
11		11	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=216165	pants	beige	2021/9/10	
12		12	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=214700&COLOR_CD=02	parker	white	2021/9/10	
13		13	GU	https://www.gu-global.com/jp/ja/products/E330220-000/00?colorDisplayCode=01	parker	white	2021/10/8	
14		14	GU	https://www.gu-global.com/jp/ja/products/E335354-000/00?colorDisplayCode=30	pants	white	2021/9/12	
15		15	GU	https://www.gu-global.com/jp/ja/products/E335354-000/00?colorDisplayCode=39	pants	brown	2021/9/12	
16		16	coen	https://www.coen.co.jp/shop/coen/goodssale.html?did=98433271	pants	white	2021/9/1	
17		17	coen	https://www.coen.co.jp/shop/coen/goods.html?did=101132007	tops	green	2021/9/1	
18		18	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2218696	tops	blue	2021/11/2	
19		19	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2219585	setup	gray	2021/11/2	
20		20	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2897939	pants	red	2021/10/28	
21								
22								
23								
24								
25								
26								
27								
28								

https://sheetdb.io/api/v1/kqactubngz7ve?id=21&store_name=GU&url=https://www.gu-global.com/jp/ja/products/E339349-000/00?colorDisplayCode=09&item=pants&color=black&age=2021/12/8 ↓ POST の実行



id 21 を作成し、store_name を「GU」、url を「www.gu-global.com/jp/ja/products/E339349-000/00?colorDisplayCode=09 GU ページのリンク」、item を「pants」、color を「black」、age を「2021/12/8」に設定した。

スプレッドシートの実行結果↓

	A	B	C	D	E	F	G	H
	id	store_name	url	item	color	age		
1								
2	1	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=957898	setup	purple	2021/12/1		
3	2	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=947228	outer	white	2021/12/1		
4	3	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=259257	pants	gray	2021/11/25		
5	4	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=214699	tops	black	2021/11/25		
6	5	GU	https://www.gu-global.com/jp/ja/products/E336344-000/00?colorDisplayCode=08	outer	black	2021/11/16		
7	6	GU	https://www.gu-global.com/jp/ja/products/E339810-000/00?colorDisplayCode=30	pants	blue	2021/11/16		
8	7	GU	https://www.gu-global.com/jp/ja/products/E334713-000/00?colorDisplayCode=27	tops	red	2021/10/8		
9	8	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=947201	outer	beige	2021/10/10		
10	9	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=228059	setup	green	2021/10/10		
11	10	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=216165	pants	white	2021/9/10		
12	11	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=216165	pants	beige	2021/9/10		
13	12	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=214700&COLOR_CD=02	parker	white	2021/9/10		
14	13	GU	https://www.gu-global.com/jp/ja/products/E330220-000/00?colorDisplayCode=01	parker	white	2021/10/8		
15	14	GU	https://www.gu-global.com/jp/ja/products/E335354-000/00?colorDisplayCode=30	pants	white	2021/9/12		
16	15	GU	https://www.gu-global.com/jp/ja/products/E335354-000/00?colorDisplayCode=39	pants	brown	2021/9/12		
17	16	coen	https://www.coen.co.jp/shop/coen/goodssale.html?did=98433271	pants	white	2021/9/1		
18	17	coen	https://www.coen.co.jp/shop/coen/goods.html?did=101132007	tops	green	2021/9/1		
19	18	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2218696	tops	blue	2021/11/2		
20	19	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2219585	setup	gray	2021/11/2		
21	20	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2897939	pants	red	2021/10/28		
22	21	GU	https://www.gu-global.com/jp/ja/products/E339349-000/00?colorDisplayCode=09	pants	black	2021/12/8		
23								
24								
25								
26								
27								
28								

(イ) DELETE の実行結果 (一部のコンテンツだけを DELETE した場合)

<https://sheetdb.io/api/v1/kqactubngz7ve/id/21> ↓ DELETE の実行

The screenshot shows the SheetDB API interface. The URL bar displays `https://sheetdb.io/api/v1/kqactubngz7ve/id/21`. The method is set to `DELETE`. The response status is `200 OK`, and the response time is `1221 ms`. The response body is `{\"deleted\":1}`.

id 21(22 列目)の消去を行なった。

スプレッドシートの実行結果↓

The screenshot shows a Google Sheet titled "my_api". The table has the following columns: `id`, `store_name`, `url`, `item`, `color`, `age`. The table contains 20 rows of data. The 22nd row is highlighted in blue.

id	store_name	url	item	color	age
1	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=957898	setup	purple	2021/12/1
2	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=947228	outer	white	2021/12/1
3	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=259257	pants	gray	2021/11/25
4	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=214699	tops	black	2021/11/25
5	GU	https://www.gu-global.com/jp/ja/products/E336344-000/00?colorDisplayCode=08	outer	black	2021/11/16
6	GU	https://www.gu-global.com/jp/ja/products/E339810-000/00?colorDisplayCode=30	pants	blue	2021/11/16
7	GU	https://www.gu-global.com/jp/ja/products/E334713-000/00?colorDisplayCode=27	tops	red	2021/10/8
8	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=947201	outer	beige	2021/10/10
9	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=228059	setup	green	2021/10/10
10	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=216165	pants	white	2021/9/10
11	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=216165	pants	beige	2021/9/10
12	RAGEBLUE	https://www.dot-st.com/rageblue/disp/CSfGoodsPage_001.jsp?ITEM_CD=214700&COLOR_CD=02	parker	white	2021/9/10
13	GU	https://www.gu-global.com/jp/ja/products/E330220-000/00?colorDisplayCode=01	parker	white	2021/10/8
14	GU	https://www.gu-global.com/jp/ja/products/E335354-000/00?colorDisplayCode=30	pants	white	2021/9/12
15	GU	https://www.gu-global.com/jp/ja/products/E335354-000/00?colorDisplayCode=39	pants	brown	2021/9/12
16	coen	https://www.coen.co.jp/shop/coen/goodssale.html?did=98433271	pants	white	2021/9/1
17	coen	https://www.coen.co.jp/shop/coen/goods.html?did=101132007	tops	green	2021/9/1
18	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2218696	tops	blue	2021/11/2
19	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2219585	setup	gray	2021/11/2
20	niko_and	https://www.dot-st.com/nikoand/disp/CSfGoodsPage_001.jsp?ITEM_CD=2897939	pants	red	2021/10/28
22					
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