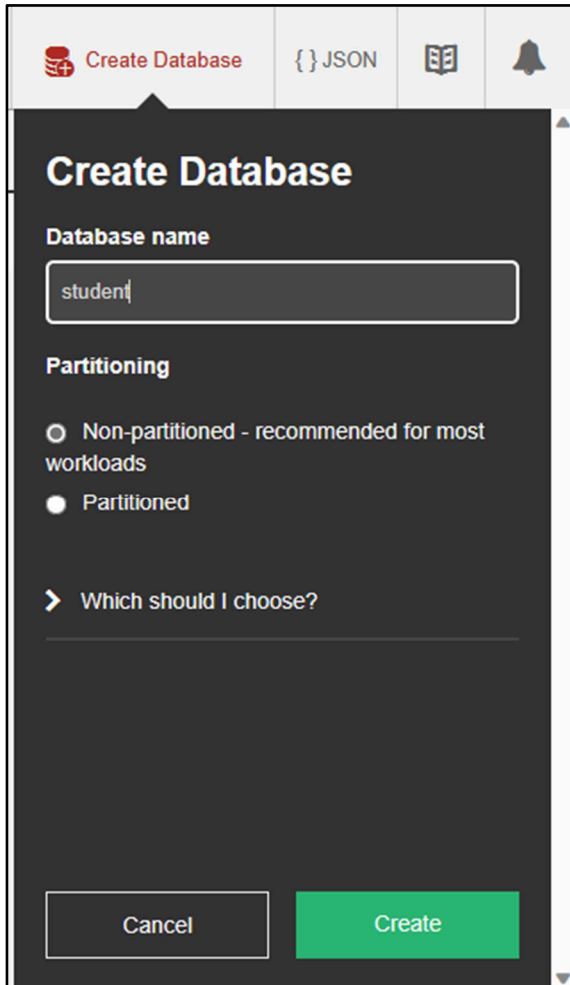


Experiment 3

Perform following operations in Apache CouchDB.

1. Create database 'student'.

Input:



Create Database

Database name

student

Partitioning

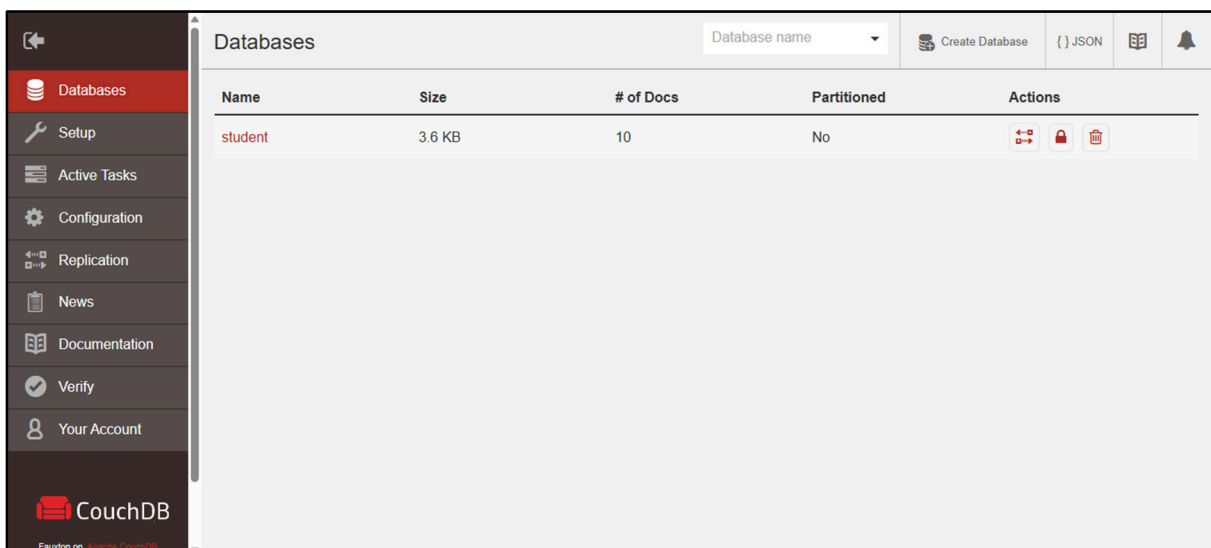
☐ Non-partitioned - recommended for most workloads




☒ Partitioned

> Which should I choose?

Cancel Create

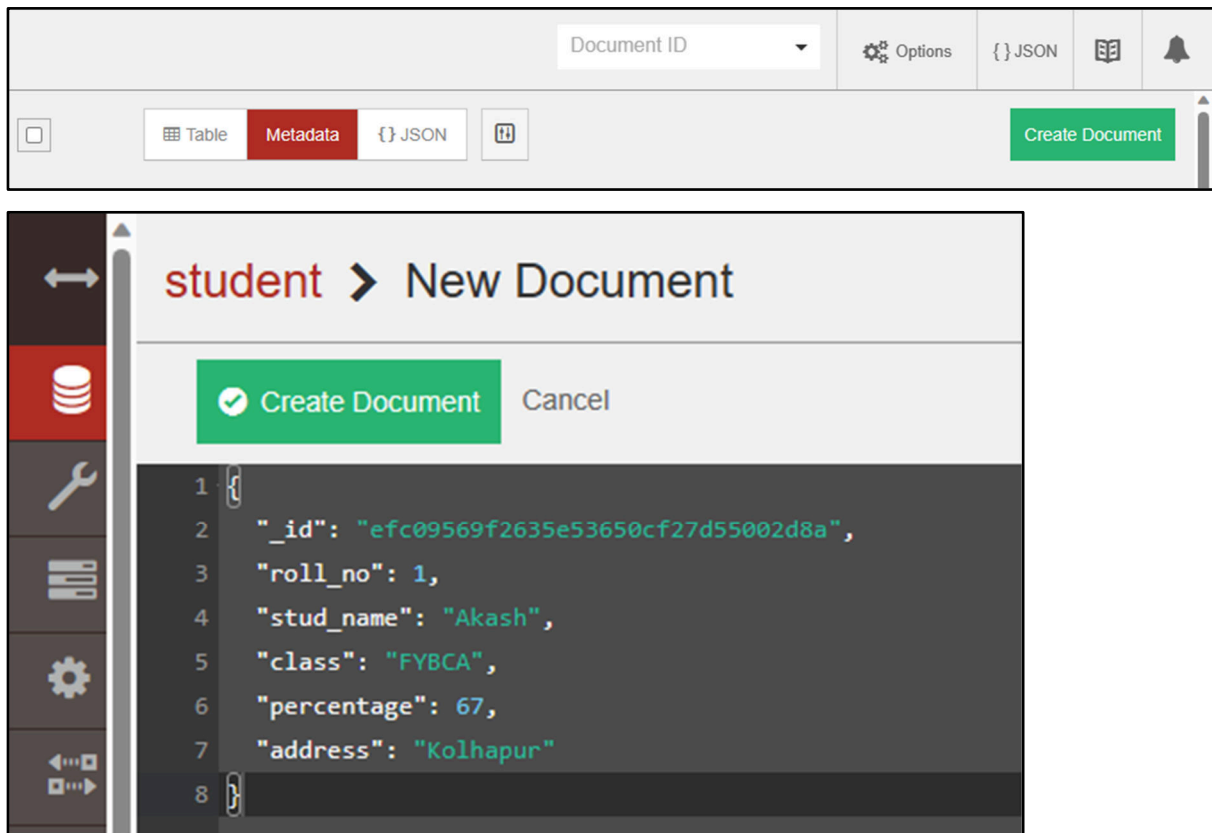
Output:



Name	Size	# of Docs	Partitioned	Actions
student	3.6 KB	10	No	  

2. Create 10 documents for database student with key roll_no, stud_name, class, percentage, address.

Input:



Document ID

Options {} JSON

Table Metadata {} JSON

Create Document

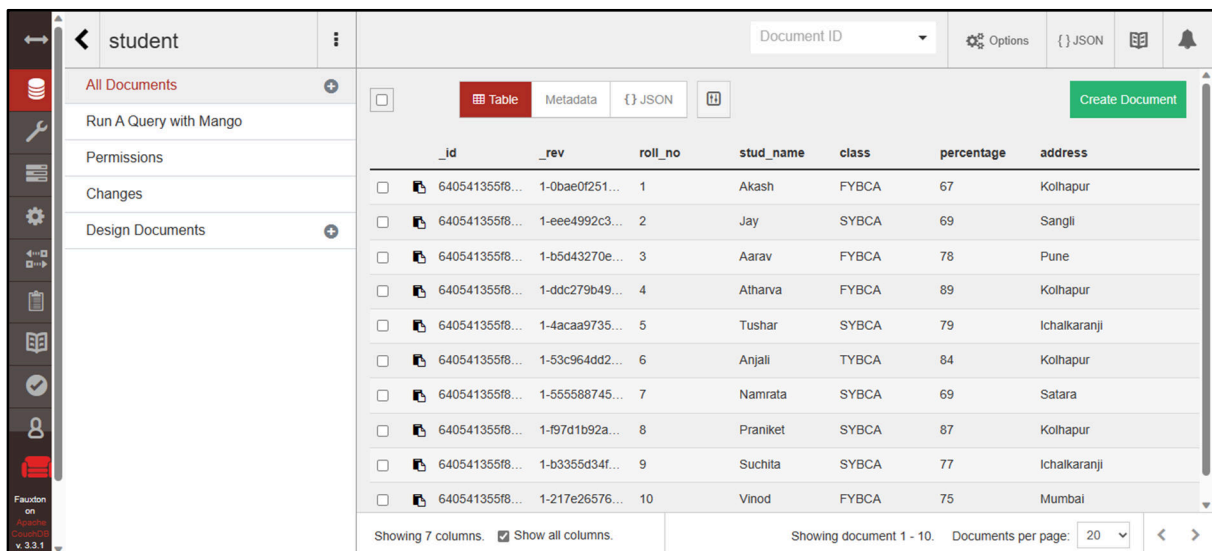
student > New Document

Create Document Cancel

```

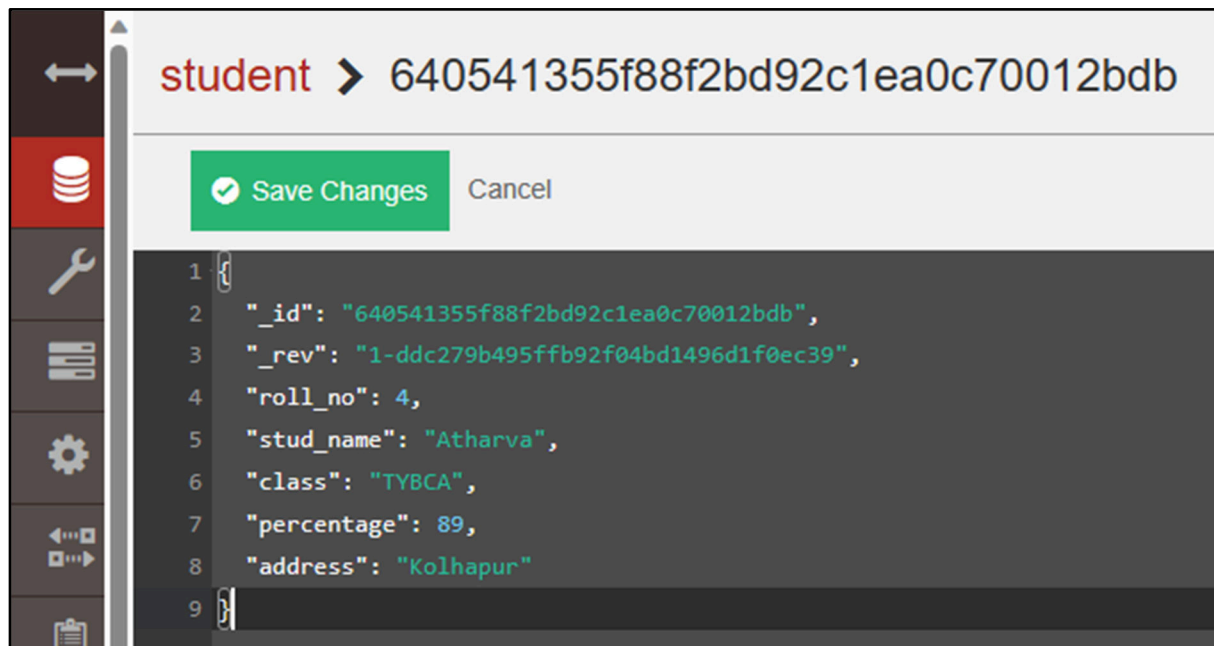
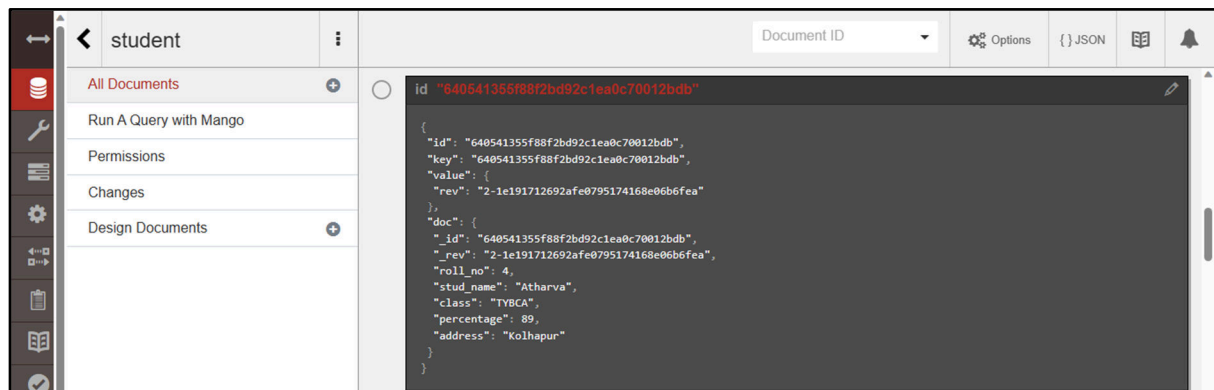
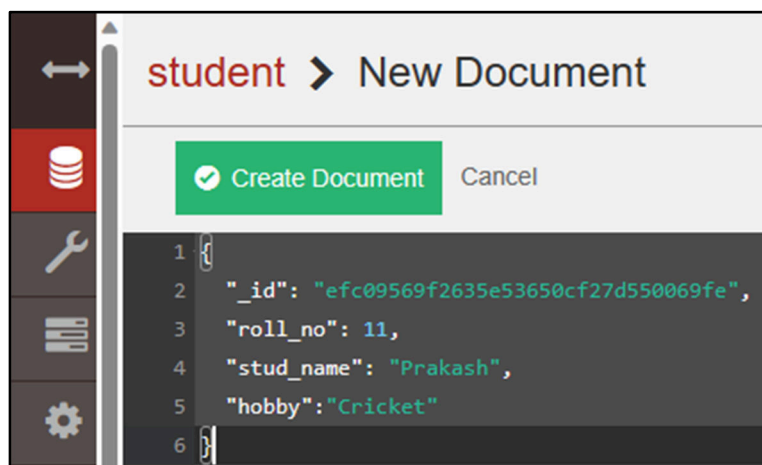
1 {
2   "_id": "efc09569f2635e53650cf27d55002d8a",
3   "roll_no": 1,
4   "stud_name": "Akash",
5   "class": "FYBCA",
6   "percentage": 67,
7   "address": "Kolhapur"
8 }
```

Output:

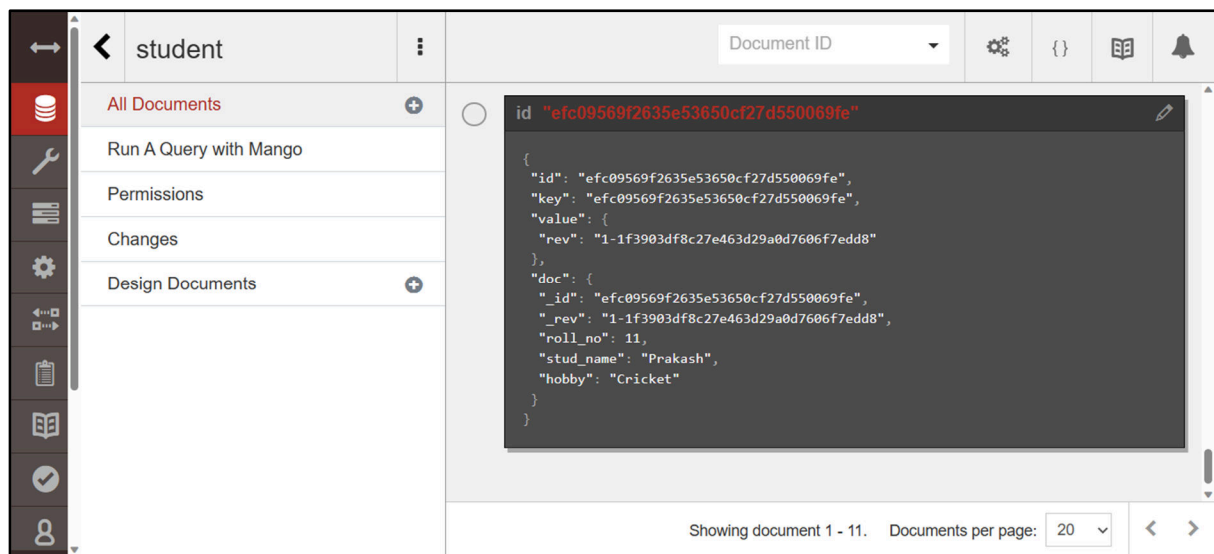


	_id	_rev	roll_no	stud_name	class	percentage	address
<input type="checkbox"/>	640541355f8...	1-0bae0f251...	1	Akash	FYBCA	67	Kolhapur
<input type="checkbox"/>	640541355f8...	1-eee4992c3...	2	Jay	SYBCA	69	Sangli
<input type="checkbox"/>	640541355f8...	1-b5d43270e...	3	Aarav	FYBCA	78	Pune
<input type="checkbox"/>	640541355f8...	1-ddc279b49...	4	Atharva	FYBCA	89	Kolhapur
<input type="checkbox"/>	640541355f8...	1-4acaa9735...	5	Tushar	SYBCA	79	Ichalkaranji
<input type="checkbox"/>	640541355f8...	1-53c964dd2...	6	Anjali	TYBCA	84	Kolhapur
<input type="checkbox"/>	640541355f8...	1-555588745...	7	Namrata	SYBCA	69	Satara
<input type="checkbox"/>	640541355f8...	1-197d1b92a...	8	Praniket	SYBCA	87	Kolhapur
<input type="checkbox"/>	640541355f8...	1-b3355d34f...	9	Suchita	SYBCA	77	Ichalkaranji
<input type="checkbox"/>	640541355f8...	1-217e26576...	10	Vinod	FYBCA	75	Mumbai

Showing 7 columns. ☒ Show all columns. Showing document 1 - 10. Documents per page: 20

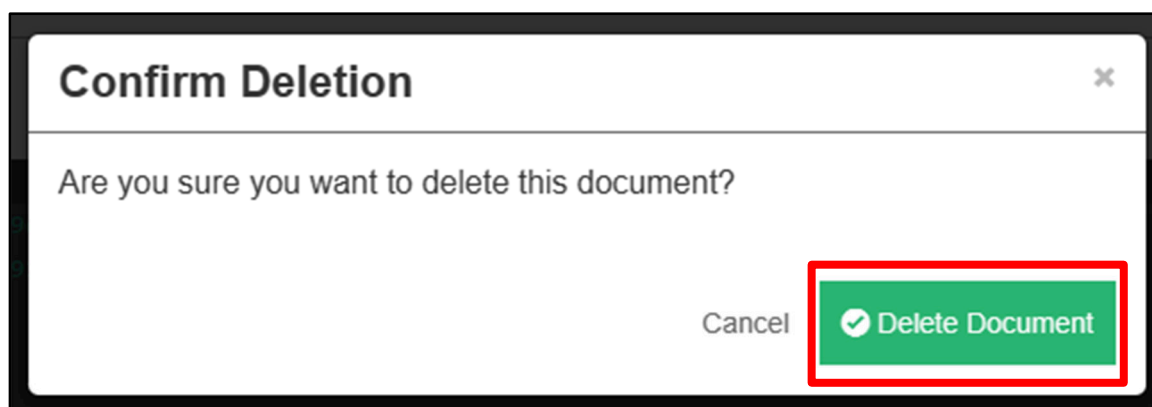
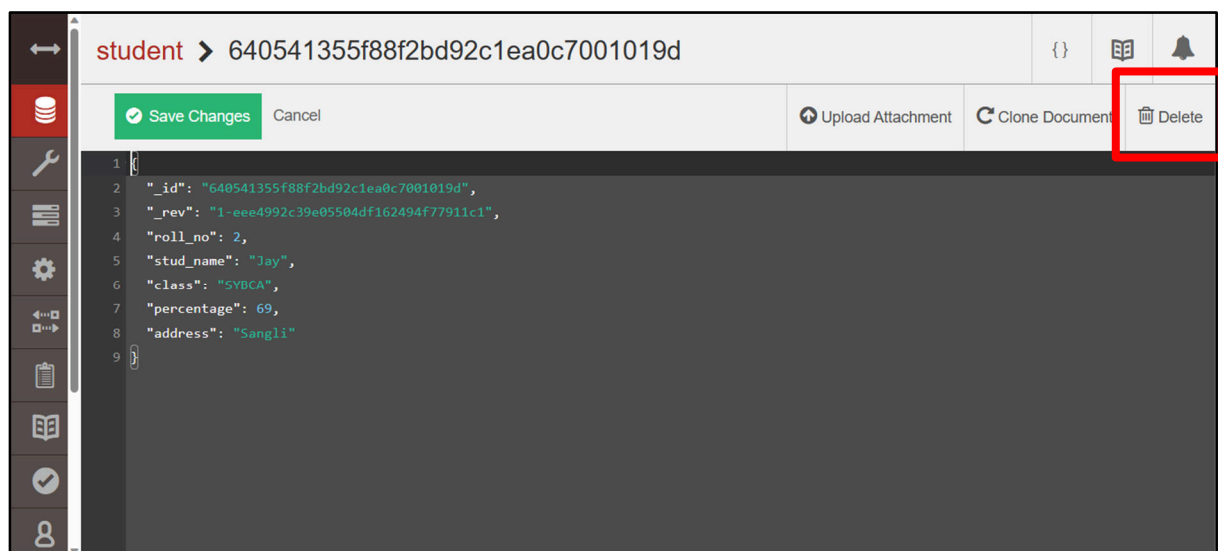
3. Update key value of class as TYBCA where roll_no is 4.**Input:****Output:****4. Create a document with roll_no student_name, hobby.****Input:**

Output:



5. Delete 1 document from student.

Input:



Output:

	_id	_rev	roll_no	stud_name	class	percentage	address	hobby
<input type="checkbox"/>	64054135...	1-0bae0f2...	1	Akash	FYBCA	67	Kolhapur	
<input type="checkbox"/>	64054135...	1-b5d4327...	3	Aarav	FYBCA	78	Pune	
<input type="checkbox"/>	64054135...	2-1e19171...	4	Atharva	TYBCA	89	Kolhapur	
<input type="checkbox"/>	64054135...	1-4acaa97...	5	Tushar	SYBCA	79	Ichalkaranji	
<input type="checkbox"/>	64054135...	1-53c964d...	6	Anjali	TYBCA	84	Kolhapur	
<input type="checkbox"/>	64054135...	1-5555887...	7	Namrata	SYBCA	69	Satara	
<input type="checkbox"/>	64054135...	1-f97d1b9...	8	Praniket	SYBCA	87	Kolhapur	
<input type="checkbox"/>	64054135...	1-b3355d3...	9	Suchita	SYBCA	77	Ichalkaranji	
<input type="checkbox"/>	64054135...	1-217e265...	10	Vinod	FYBCA	75	Mumbai	
<input type="checkbox"/>	efc09569f2...	1-1f3903df...	11	Prakash				Cricket

Showing 8 columns. ☒ Show all columns. Showing document 1 - 10. Documents per page: 20