Project 3

https://github.com/Milan-36/PythonRESTAPIDockerFlaskMySQL.git

1. Data Table:

	id	Year	Age	Name	Movie
1	1	1928	44	Emil Jannings	The Last Command
2	2	1929	41	Warner Baxter	In Old Arizona
3	3	1930	62	George Arliss	Disraeli
4	4	1931	53	Lionel Barrymore	A Free Soul
5	5	1932	47	Wallace Beery	The Champ
6	6	1933	35	Fredric March	Dr. Jekyll and Mr. Hyde
7	7	1934	34	Charles Laughton	The Private Life of Henry VIII
8	8	1935	34	Clark Gable	It Happened One Night
9	9	1936	49	Victor McLaglen	The Informer
10	10	1937	41	Paul Muni	The Story of Louis Pasteur
11	11	1938	37	Spencer Tracy	Captains Courageous
12	12	1939	38	Spencer Tracy	Boys Town
13	13	1940	34	Robert Donat	Goodbye
14	14	1941	32	James Stewart	The Philadelphia Story
15	15	1942	40	Gary Cooper	Sergeant York
16	16	1943	43	James Cagney	Yankee Doodle Dandy
17	17	1944	48	Paul Lukas	Watch on the Rhine
18	18	1945	41	Bing Crosby	Going My Way
19	19	1946	39	Ray Milland	The Lost Weekend
20	20	1947	49	Fredric March	The Best Years of Our Lives
21	21	1948	57	Ronald Colman	A Double Life
22	22	1949	41	Laurence Olivier	Hamlet
23	23	1950	38	Broderick Crawford	All the King's Men
24	24	1951	39	José Ferrer	Cyrano de Bergerac
25	25	1952	52	Humphrey Bogart	The African Queen

2. Postman listing all records
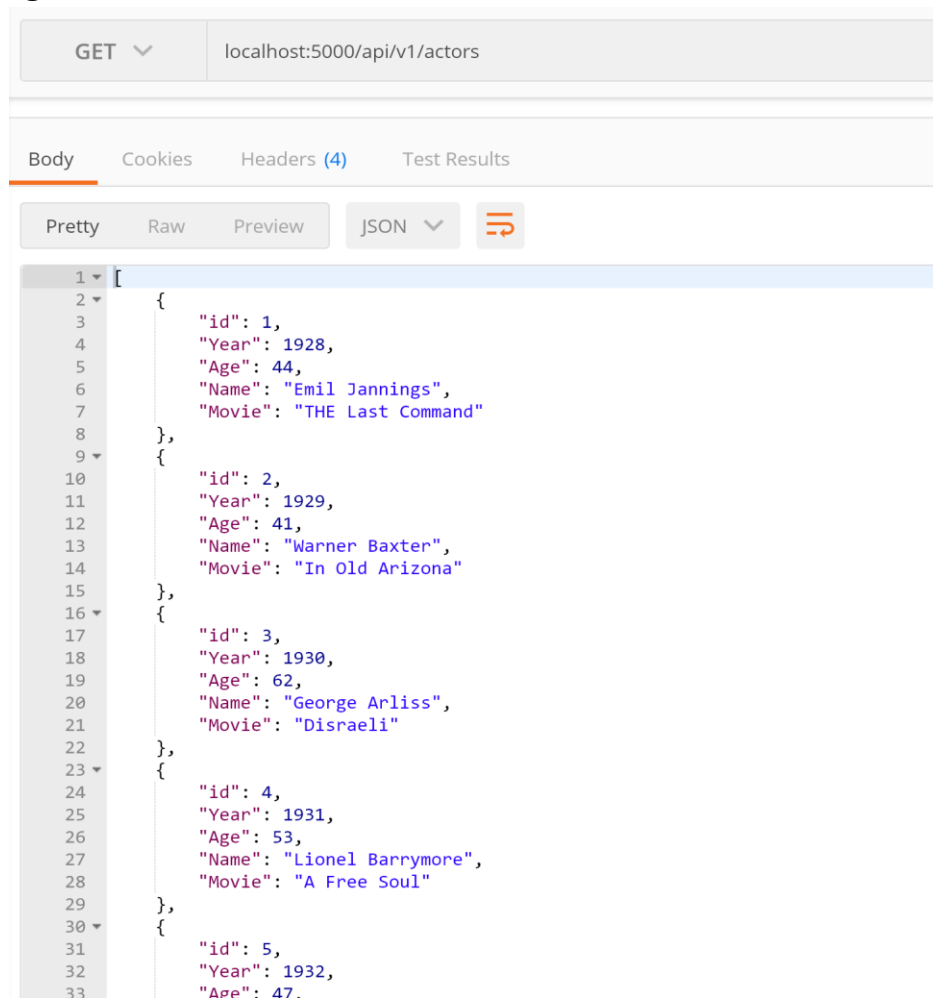
3. Postman showing one record with a GET request
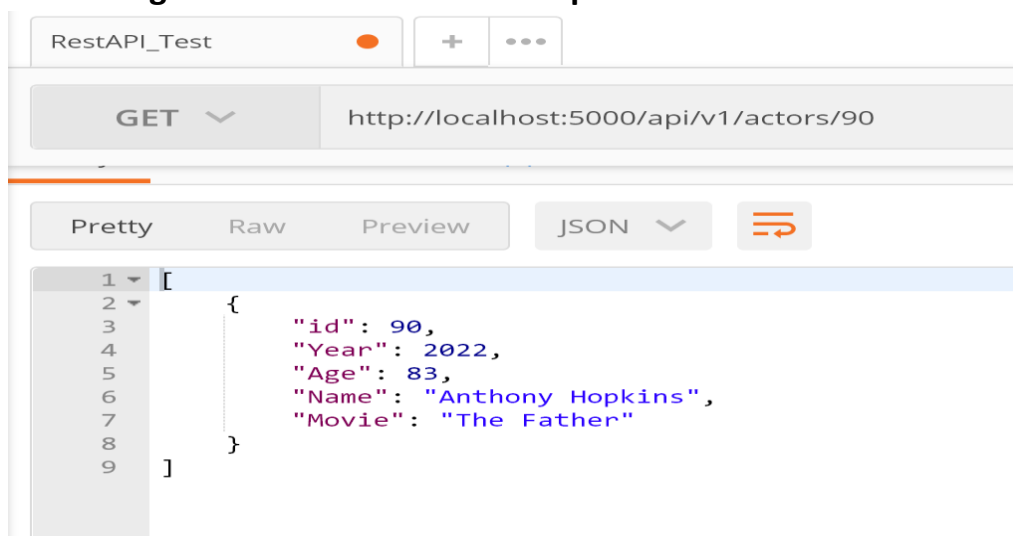
4. Adding New record:

    a. Postman creating a record by POST request

▶ RestAPI_Test

| POST ∨ | http://localhost:5000/api/v1/actors | Params | Send ∨ |

Authorization   Headers (1)   **Body ●**   Pre-request Script   Tests

○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   JSON (application/json) ∨

```
1  {
2      "Year": 2022,
3      "Age": 83,
4      "Name": "Anthony Hopkins",
5      "Movie": "The Father"
6  }
```

Body   Cookies   Headers (4)   Test Results   Status: 201 CREATED

    b. The result of new record in the record listing

RestAPI_Test   ●   +   •••

| GET ∨ | http://localhost:5000/api/v1/actors |

Pretty   Raw   Preview   JSON ∨

```
624          },
625          {
626              "id": 90,
627              "Year": 2022,
628              "Age": 83,
629              "Name": "Anthony Hopkins",
630              "Movie": "The Father"
631          }
632      ]
```
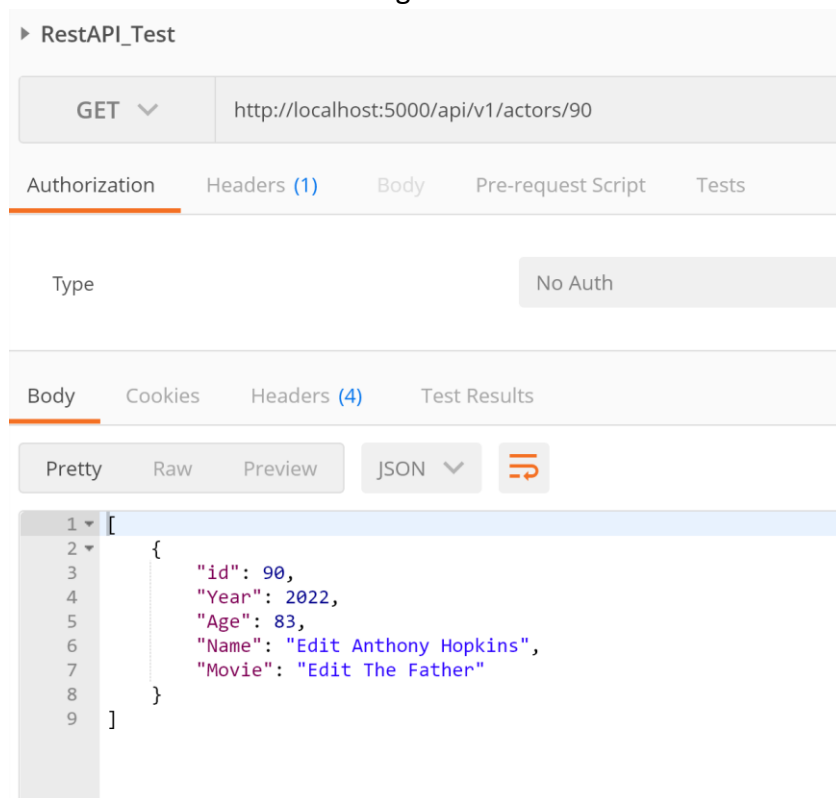
5. Editing the record:
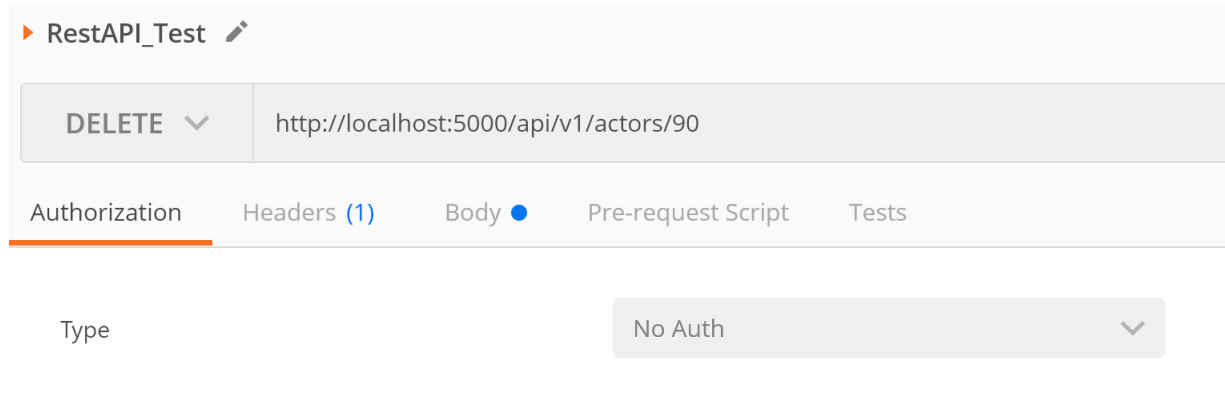
a. Postman edits a record by PUT request
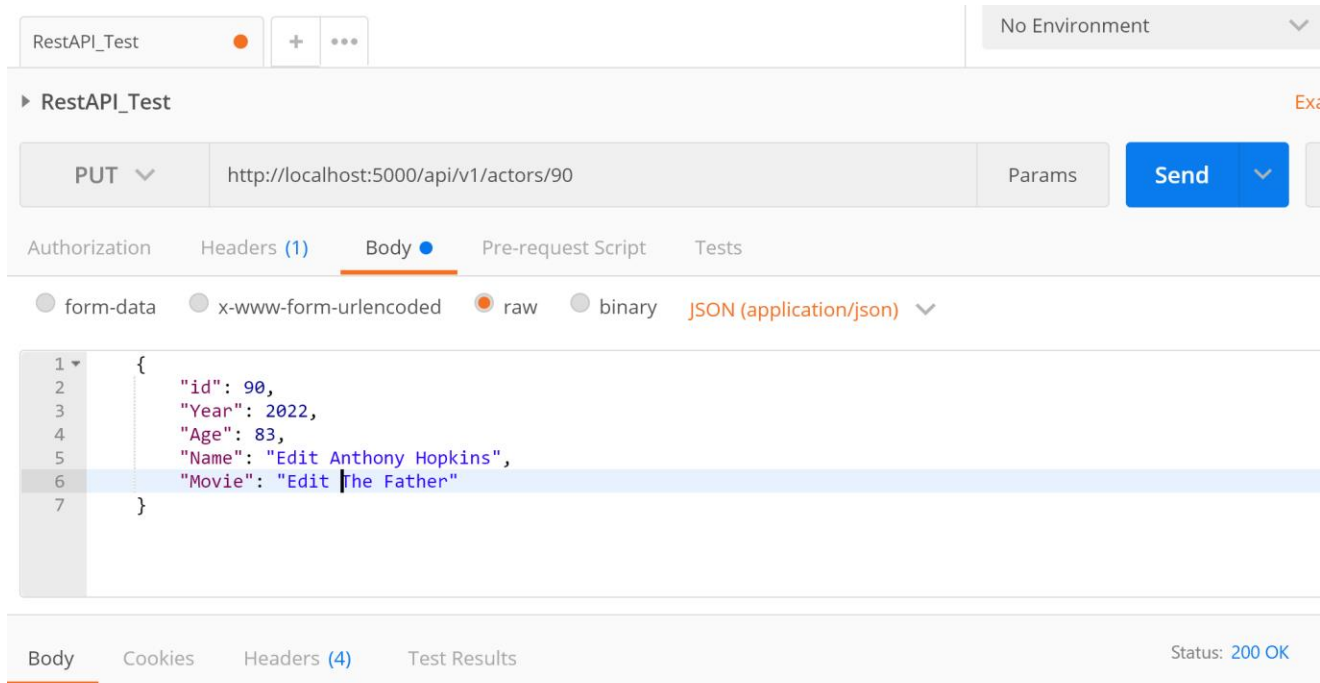
b. The result of edited record in the record listing

6. Deleting a record:
   a. Postman deletes a record by DELET request

▸ RestAPI_Test ✏

DELETE ˅	http://localhost:5000/api/v1/actors/90

Authorization   Headers (1)   Body ●   Pre-request Script   Tests

Type	No Auth ˅

   b. The result after deleting record in the record listing

RestAPI_Test   ●   +   •••

GET ˅	http://localhost:5000/api/v1/actors|

Pretty   Raw   Preview   JSON ˅

```
605          "id": 87,
606          "Year": 2014,
607          "Age": 44,
608          "Name": "Matthew McConaughey",
609          "Movie": "Dallas Buyers Club"
610      },
611  ▾   {
612          "id": 88,
613          "Year": 2015,
614          "Age": 33,
615          "Name": "Eddie Redmayne",
616          "Movie": "The Theory of Everything"
617      },
618  ▾   {
619          "id": 89,
620          "Year": 2016,
621          "Age": 41,
622          "Name": "Leonardo DiCaprio",
623          "Movie": "The Revenant"
624      }
625  ]
```