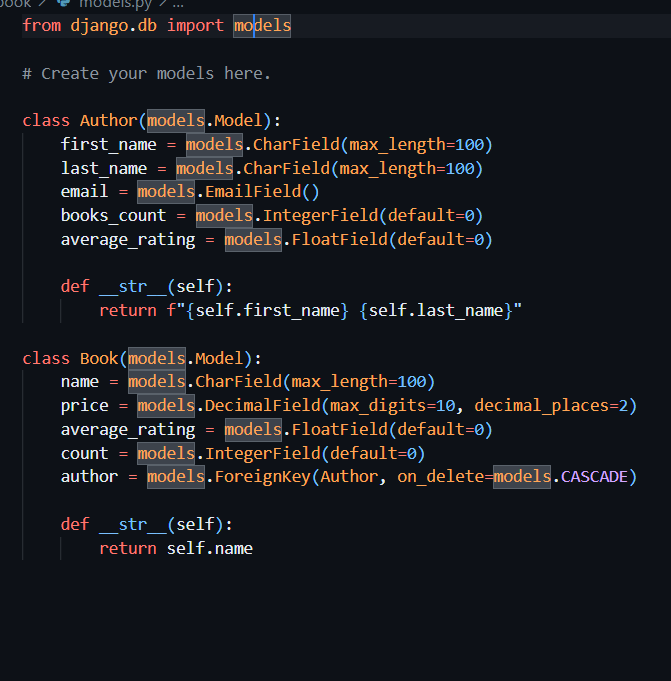
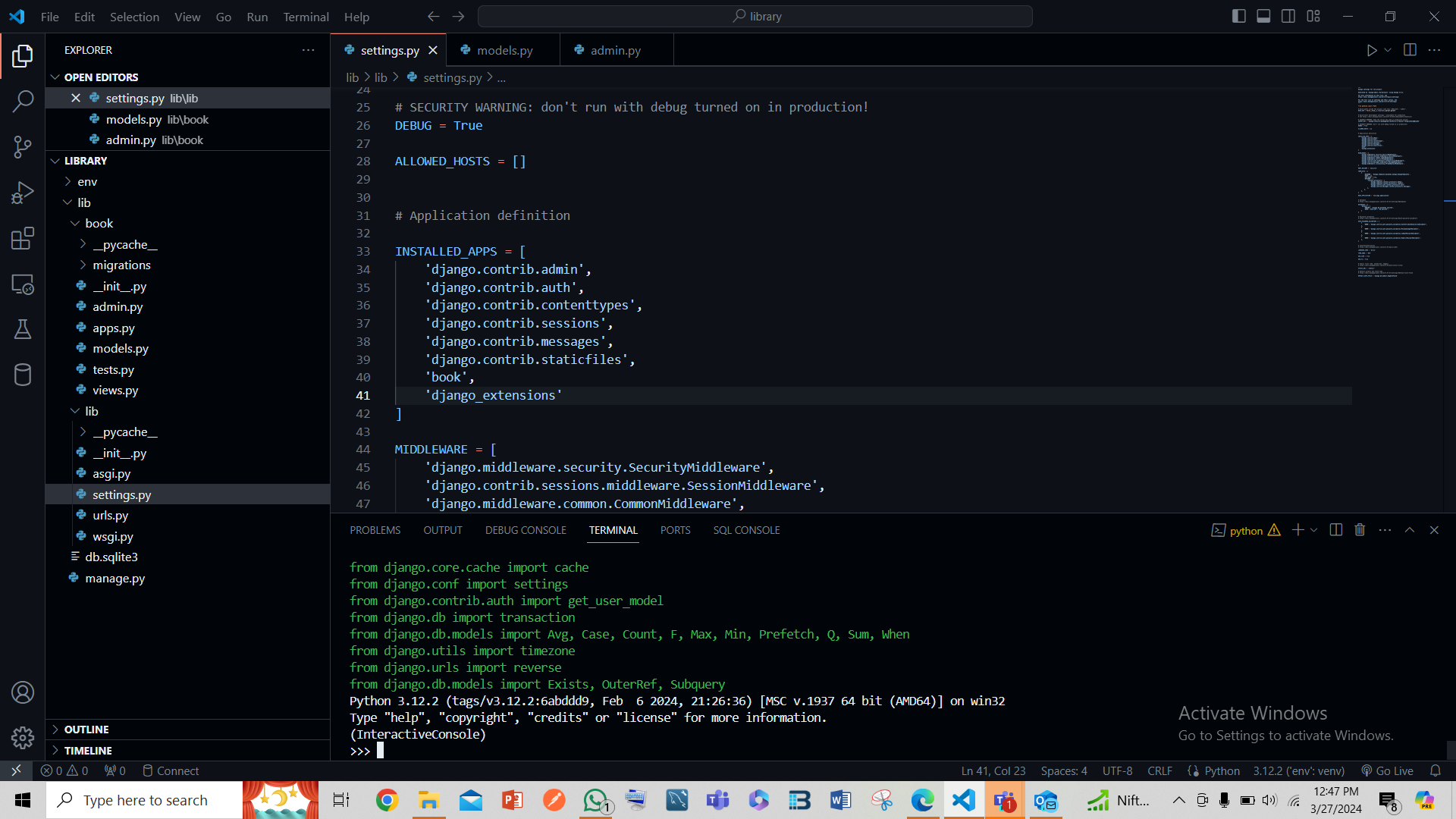
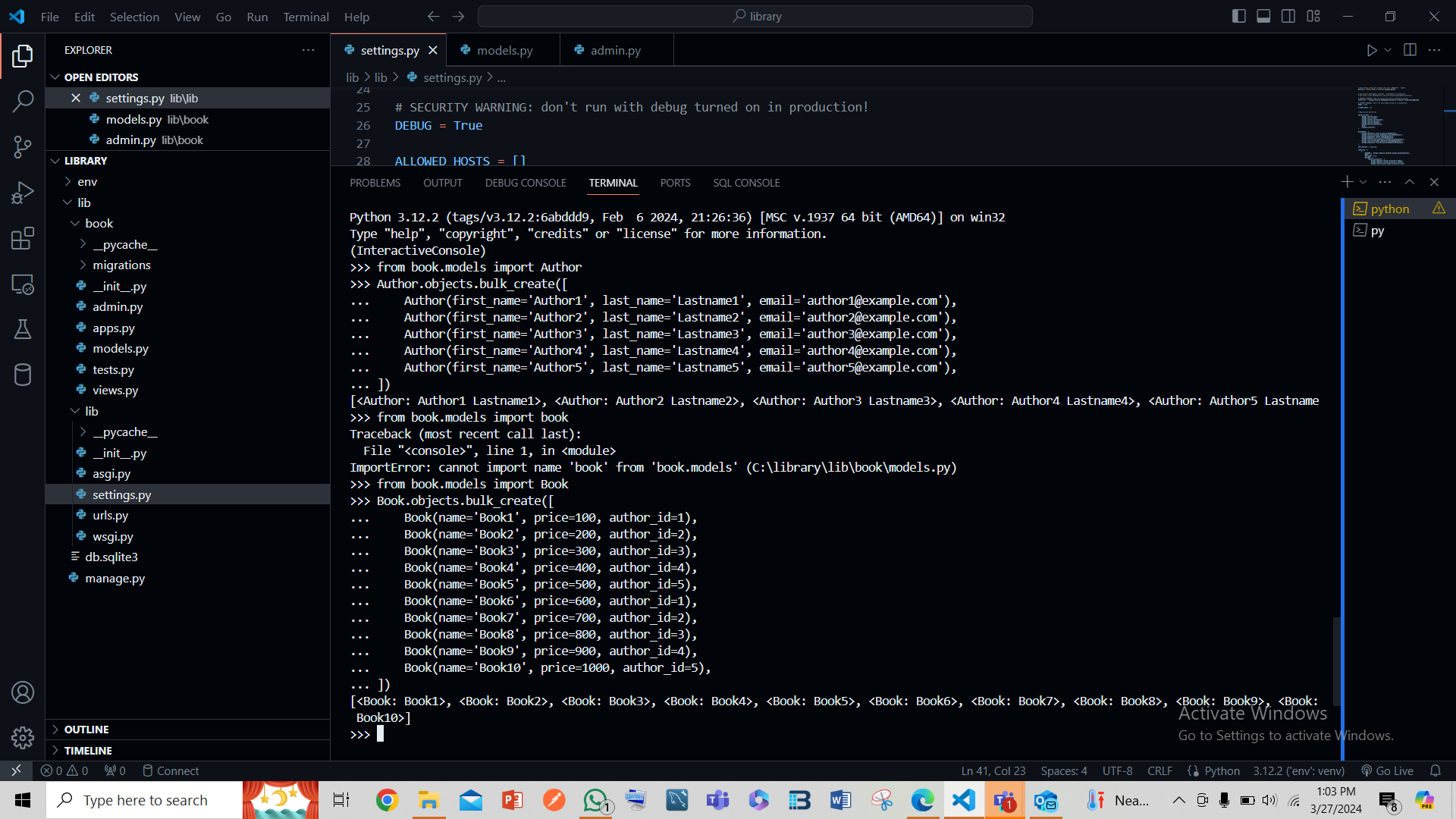
**3. Create 2 models in the app for storing data of books and authors -- authors[first\_name, last\_name, email, books\_count, average\_rating] -- books[name, price, average\_rating, count, author(foreign key)]**

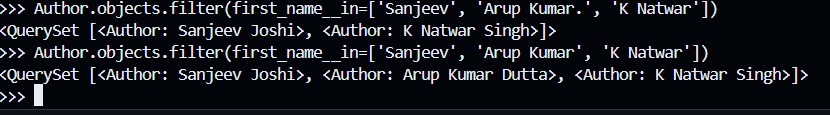


**4. Install django-extensions package and use shell\_plus to run queries -- create 5 authors -- create 10 book**

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****

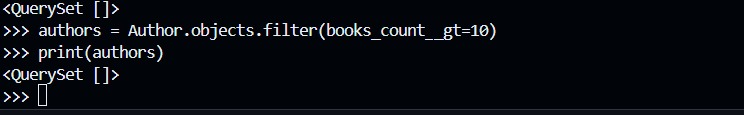
**-- filter and show some authors using first\_name field**

****

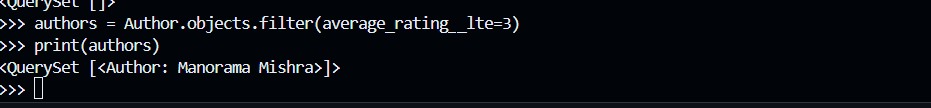
**-- filter and show some authors that does not have a last\_name**

****

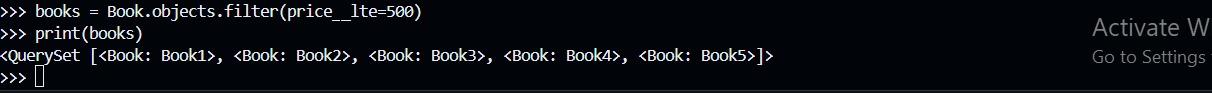
**-- filter and show some authors that have books count greater than 10**



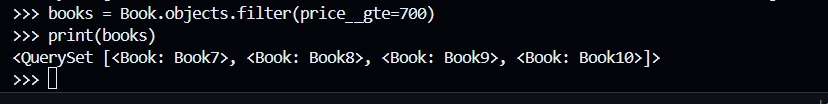
**-- filter and show some authors that have an average rating less than or equal to 3**

****

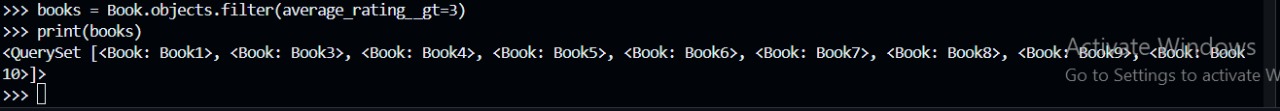
**-- filter and show some books that have price less than or equal to 500**

****

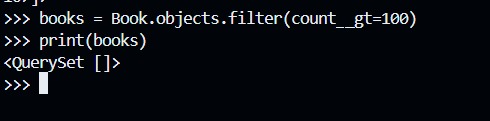
**-- filter and show some books that have price greater than or equal to 700**

****

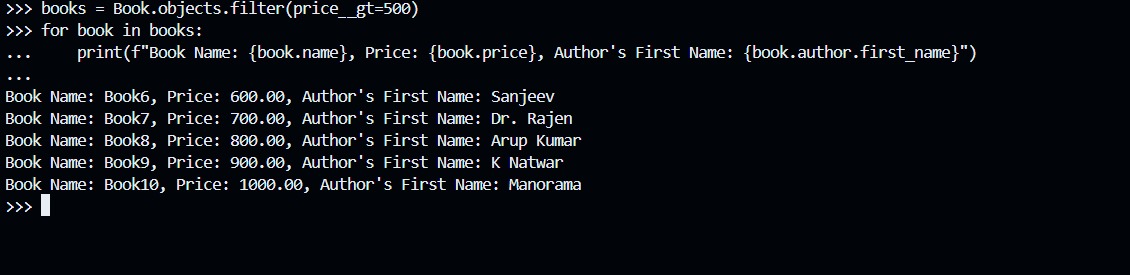
**-- filter and show some books that has an average rating greater than 3**

****

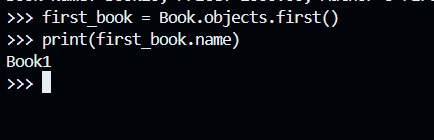
**-- filter and show some books that has count greater than 100**

****

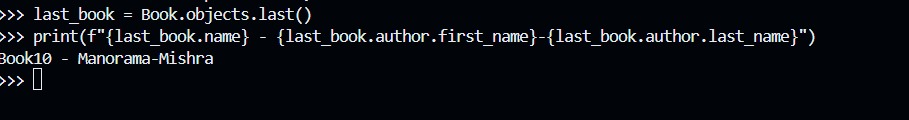
**-- filter some books that has price greater than 500 and show the names of all one by one along with its** **price and author's first name**

****

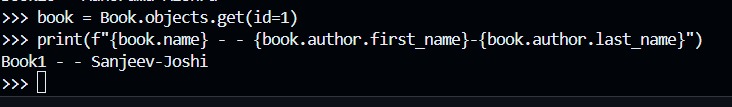
**-- fetch the first book and show its name**

****

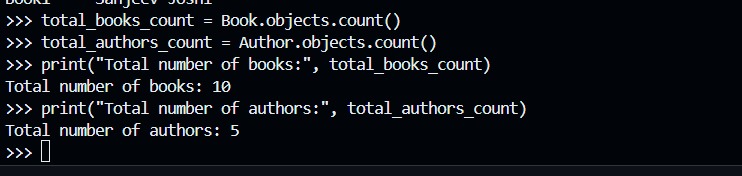
**-- fetch the last book and show its authors full name**

****

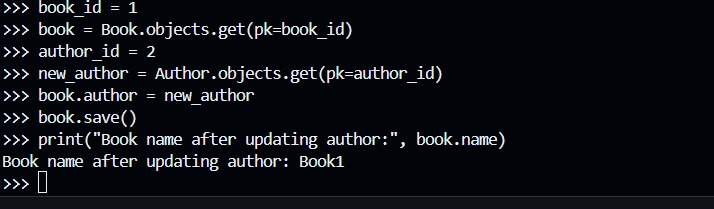
**-- fetch a book using its id, show its name and author's full name**

****

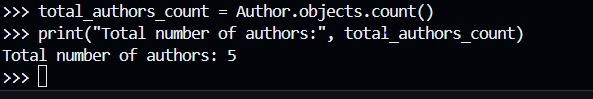
**-- show the total count of books and authors**

****

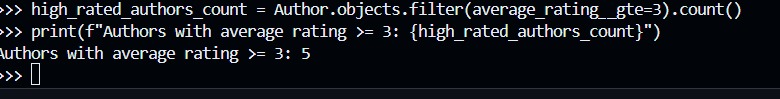
**-- fetch a book by its id and update the author and save**

****

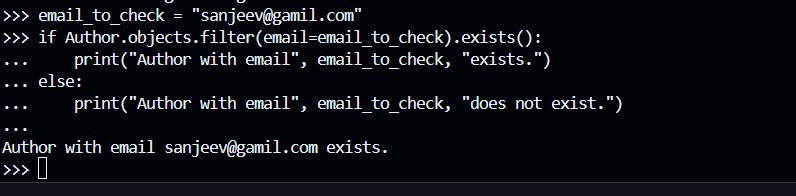
**-- show the total count of authors**

****

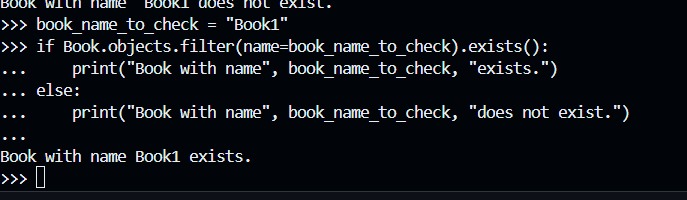
**-- show the count of authors that has an average rating greater than or equal to 3**

****

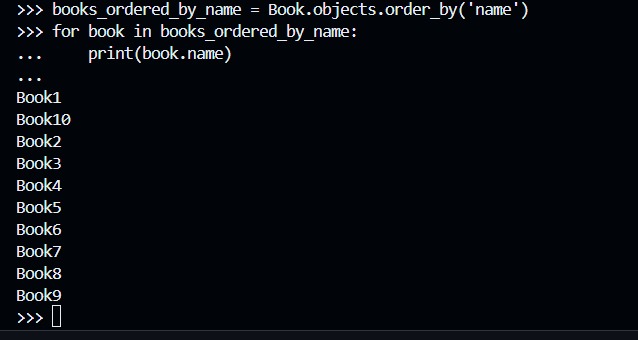
**-- check whether an author exists in the table using email field**

****

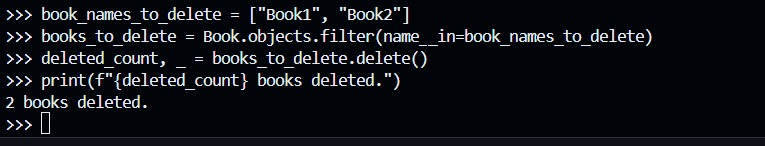
**-- check whether a book exists in the table with its name**

****

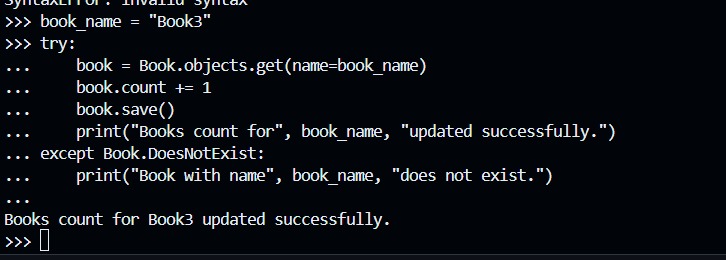
**-- show all the books in the order of its name**

****

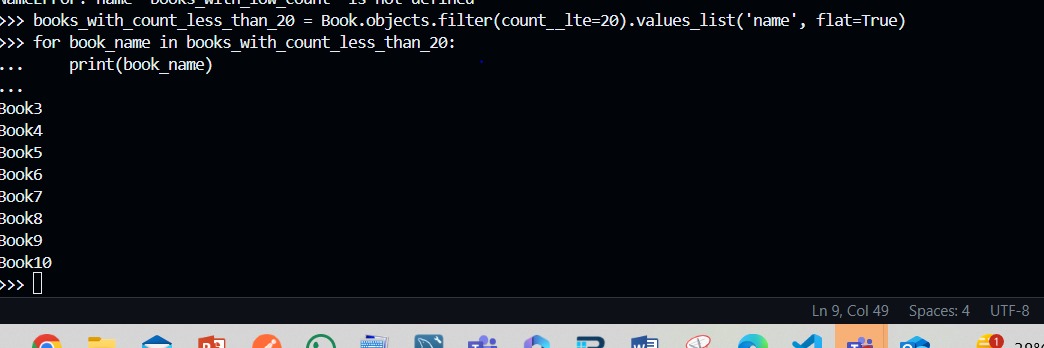
**-- delete 2 books from the table after fetching it with name**

****

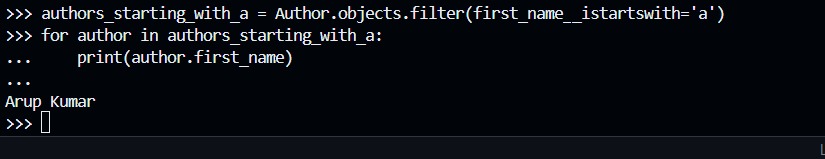
**-- update the books count value after fetching a book using its name**

****

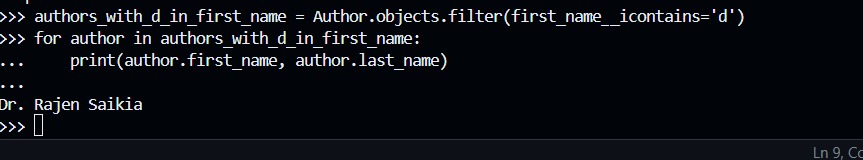
**-- filter and show the name of books that has books count less than or equal to 20**

****

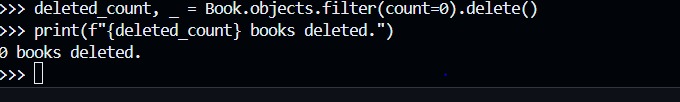
**-- show all the authors that has first name starting wth "a"**

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**-- show all the authors that contains "d" in the first name**

****

**-- delete the books that has book count 0**

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