Experiment: 10

Student Name: Rishav Kumar   **UID: 22MCC20039**

Branch: MCA - CCD   **Section/Group: 22MCD1 / Grp A**

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Subject Name: Software Testing   **Subject Code: 22CAH-685**

Q. What is JQL?

JQL stands for "Jira Query Language," and it is a query language used to search for issues in Jira, which is a popular project and issue tracking tool. JQL provides a simple and flexible way to search for issues by specifying search criteria based on various fields such as status, assignee, priority, issue type, and more.

Q. Structure of JQL query
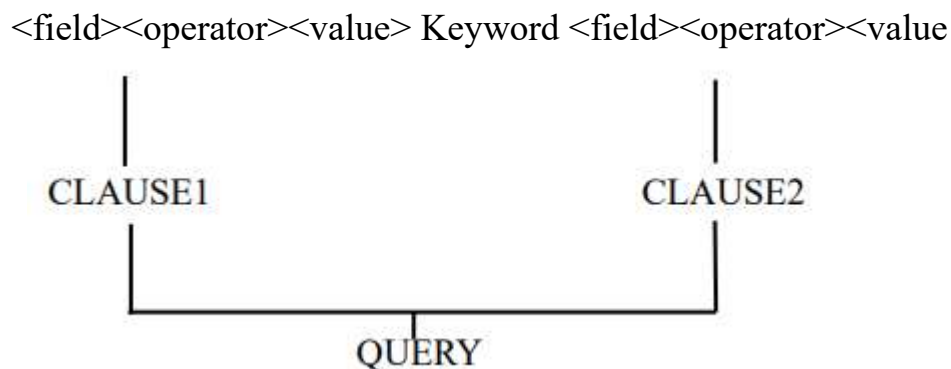
**Example:** Project = SOF AND issuetype= bug.
Here SOF is the field that is the search criteria to filter the issue and to assign value of the field operator is used. Some of the operators are =, != , is not, is, not in ,in,was , was not, was in, was not in , changed. Keyword are logical operators like AND and OR.

Q. Write a Jira Query

project =RK AND issuetype = Epic AND status in (Done, "To Do") AND assignee in (EMPTY) AND reporter in (712020:eca487b2-f9cd-4118-8351-63f113e0e379) AND created >= -30d AND due >= 2023-05-10 AND due <= 2023-05-11-AND "Issue color"=grey

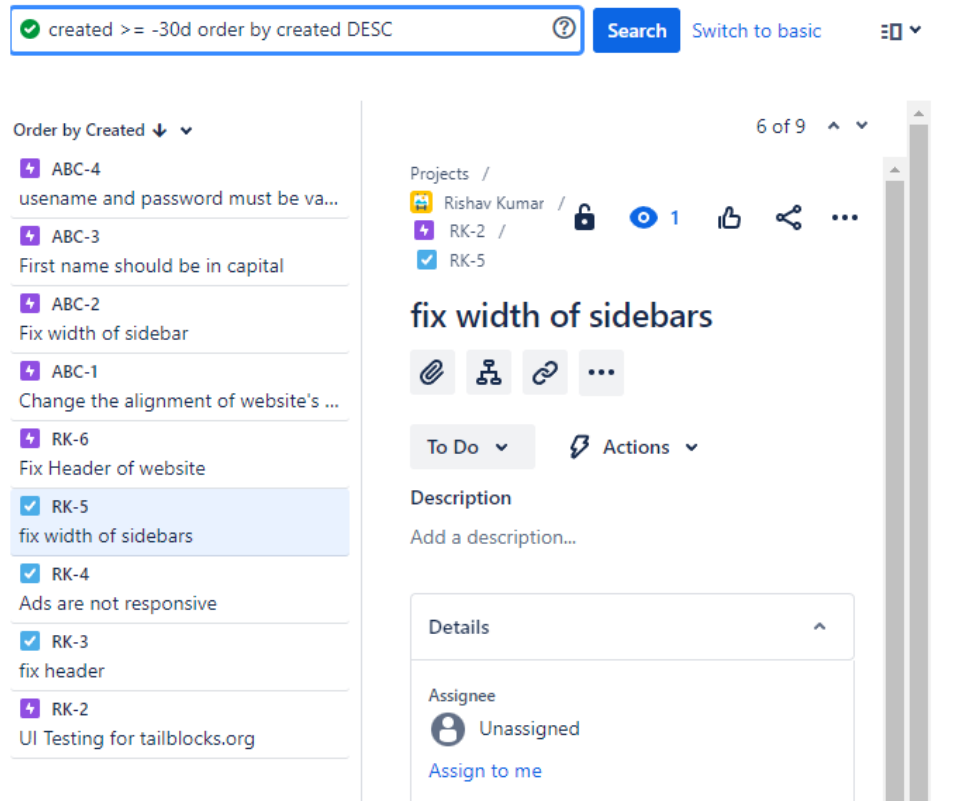**Steps to perform advanced issue search using JQL**

- Login to your Jira account
- Click on the 'Filters' or click on the search bar located on the top right corner
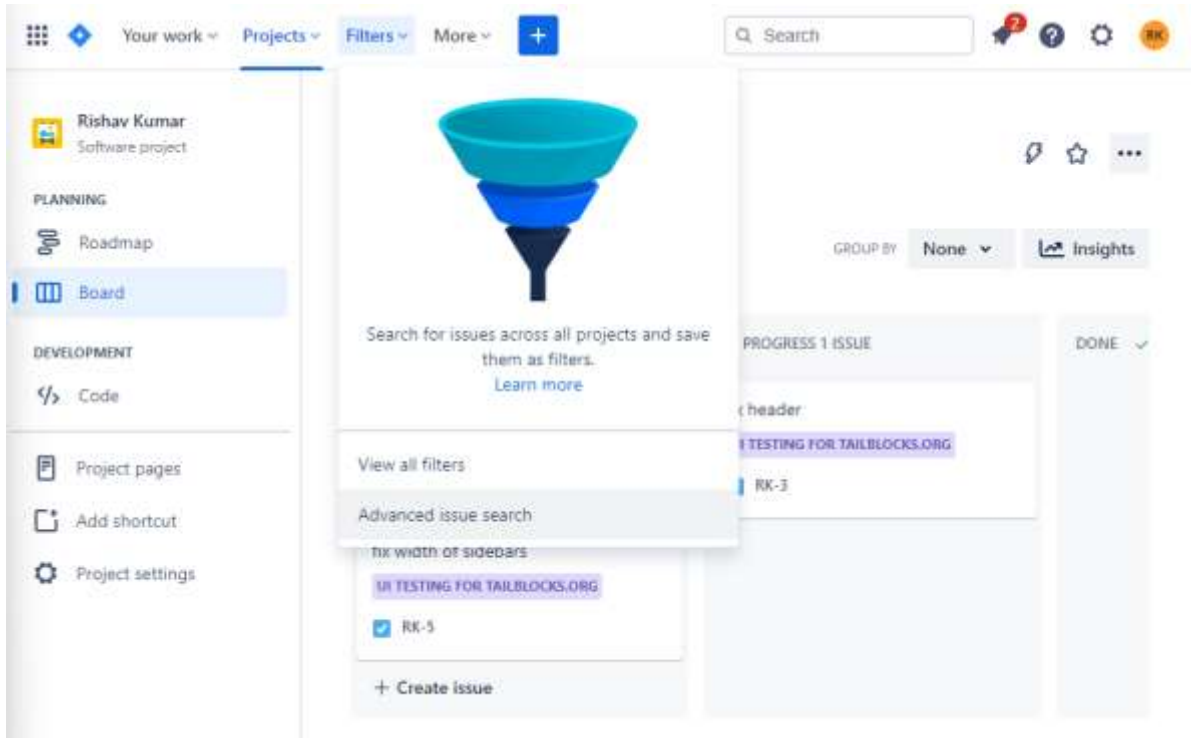
- Click on advanced issue search
- In the search bar if the filtering is basic click on *the switch to JQL* option to the right of the search button.
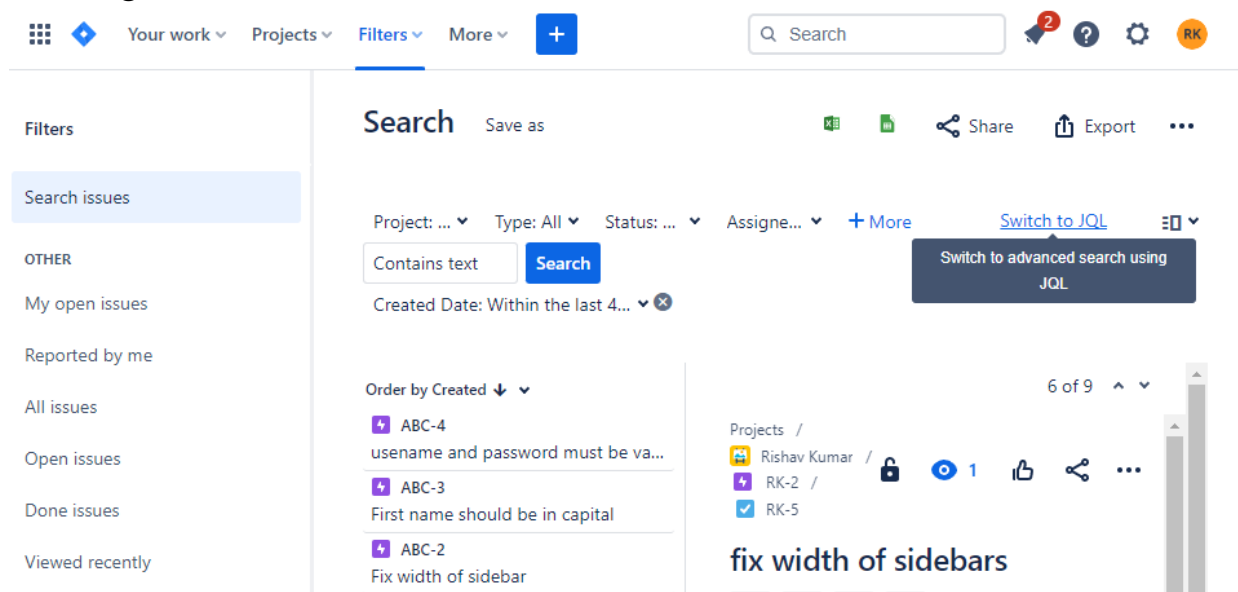
- Enter your JQL query. As you type, Jira will offer a list of autocomplete suggestions based on the context of your query.

- Now click search button and the issue based on the given criteria will be displayed.