

Experiment: 10

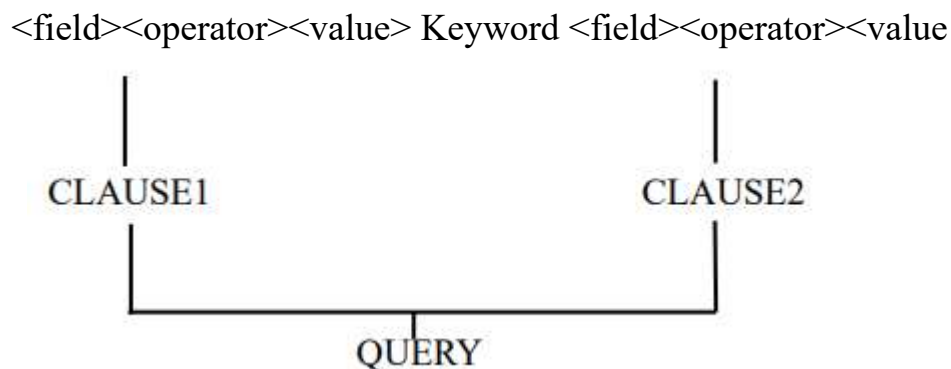
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Branch: MCA - CCD
Semester: II
Subject Name: Software Testing

UID: 22MCC20039
Section/Group: 22MCD1 / Grp A
Date of Performance: 11th May 2023
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.

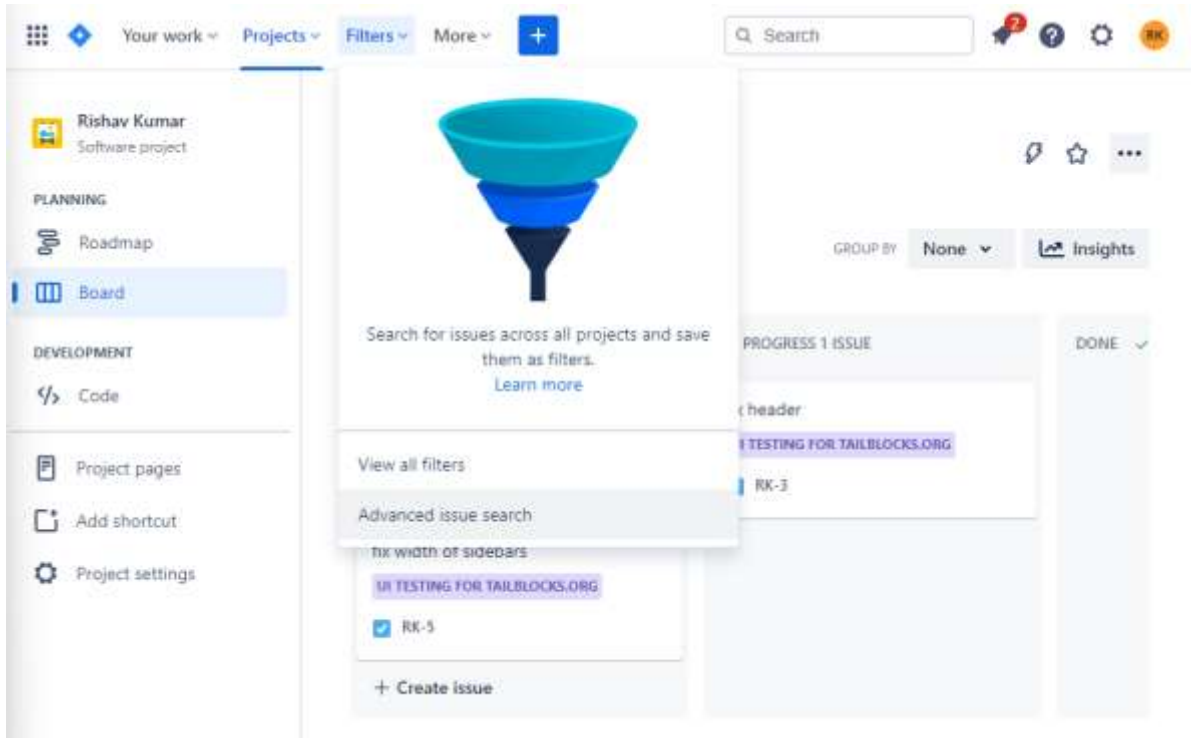
Here SOF is the field that is the search criteria to filter the issue and to assign value of the field operator is used. Some of the operators are =, !=, is not, is, not in, in, was, was not, was in, was not in, changed. Keyword are logical operators like AND and OR.

Q. Write a Jira Query

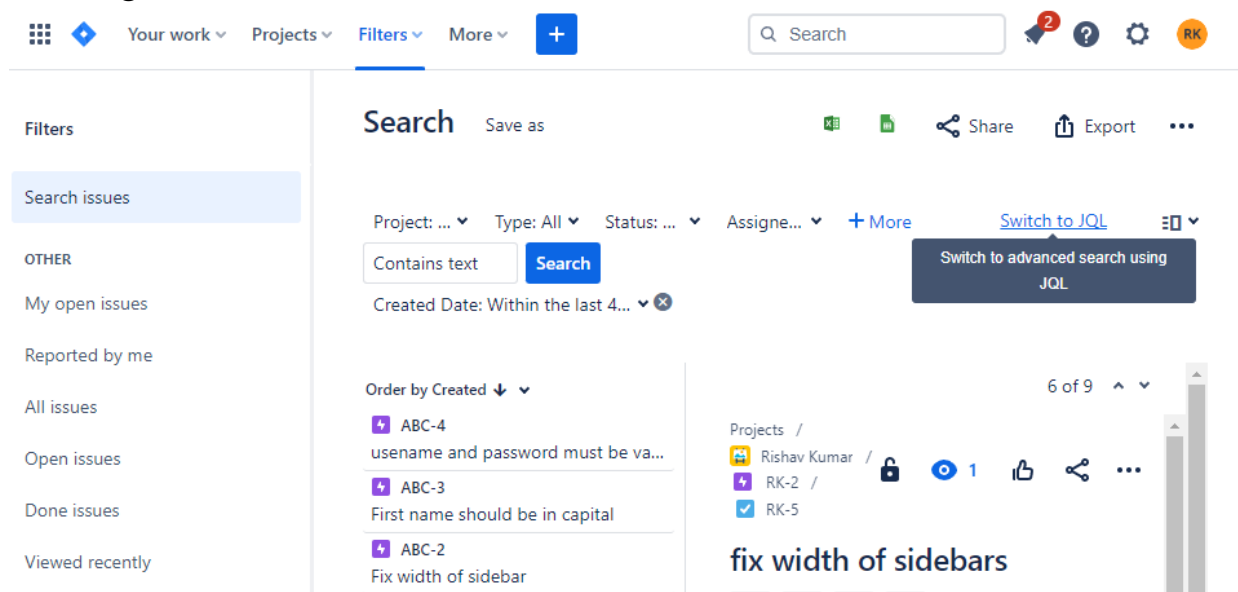
project =RK AND issuetype = Epic AND status in (Done, "To Do") AND assignee in (EMPTY) AND reporter in (712020:eca487b2-f9cd-4118-8351-63f113e0e379) AND created >= -30d AND due >= 2023-05-10 AND due <= 2023-05-11-AND "Issue color"=grey

Steps to perform advanced issue search using JQL

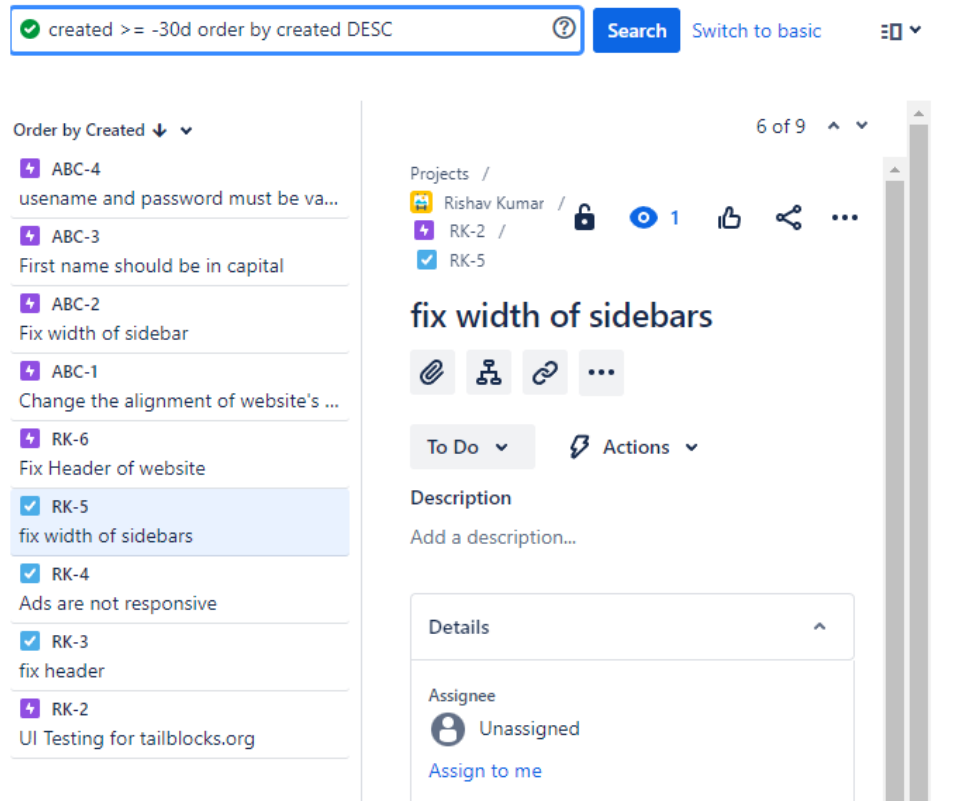
- Login to your Jira account
- Click on the 'Filters' or click on the search bar located on the top right corner



- 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.



The screenshot shows the Jira search interface. At the top, a search bar contains the query "created >= -30d order by created DESC" with a "Search" button and a "Switch to basic" link. Below the search bar, a list of autocomplete suggestions is displayed, including "ABC-4", "ABC-3", "ABC-2", "ABC-1", "RK-6", "RK-5", "RK-4", "RK-3", and "RK-2". The suggestion "RK-5" is highlighted. To the right of the suggestions, a sidebar shows the project "Rishav Kumar" and the issue "fix width of sidebars". The issue is assigned to "Unassigned" and has a status of "To Do".

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