-What is case tools?

Case tools are set of software application programs, which are used to automate SDLC activities.
Case tools are used by software project managers, analysts and engineers to develop software system.

1. Diagram Tools

We can use them in analysis and design phases.
We can apply them in analysis phase, we draw UML diagrams like class diagram, use case diagram and so on Ex) drow.io. Also in design phase, we can draw all the interface of the system by diagram tools Ex) drow.io.

2. Project Management tools

We can use them in planning of the project, estimation of cost and efforts, scheduling of project and planning of resources like gant chart Ex) PM Microsoft tool, Creative Pro Office, trac project, Basecamp etc.

3. Documentation Tools

In all phases we documented everything in the documentation of the project such as the reports, requirements, diagrams etc. Ex) Doxygen, adobe robohelp, DrExplain etc.

4. Design Tools

The block structure of the software can be designed by the software designers using design tools, which are again broken down into smaller modules using techniques of refinement. The detailing of every module and the interconnections between the modules can be done using this Ex) Animated software design.

5. Programming Tools

The programming environments like integrated development environment , library consisting of in built modules, simulation are all included in programming

tools. The development of software product is aided by these and simulation and testing features are included. Ex) Cscope for searching code in C, Eclipse.

6. Quality Assurance Tools

Monitoring the engineering process and methods used for software development to ensure the quality is as per the standards of the organization can be performed using quality assurance tools. The configuration change control and software testing tools come under the category of QA tools. Ex) SoapTest, Jmeter, AppsWatch, etc.

7. Maintenance Tools

If there are any modifications after the delivery of the software product can be done through software maintenance tools. Techniques for automatically logging, error reporting, generation of error tickets automatically and root cause analysis are used in the maintenance phase of the software development life cycle to help the software organizations. Ex)Bugzilla for tracking defects etc.