1. **What is the difference between DOM and SAX parser in Java?**

*Answer*: DOM parser loads the whole XML into memory to create a tree based DOM model. This helps it quickly locate nodes and make a change in the structure of XML. SAX parser is an event based parser and does not load the whole XML into memory.

For this reason, DOM is quicker than SAX but it needs more memory and is not fitting to parse large XML files.