

DAC 0521 MET-M Writeup - Java Module 1 Session 13

Java Stream API - It is programming support offered by the runtime library of Java (8.0 onwards) for consuming a sequence of elements called a stream in a functional manner. It is based on

(1) Operation Pipeline - The stream is passed through a chain of methods each of whose intermediate (middle) method receives the stream of original elements and returns a stream of processed elements while its terminal (end) method performs the final processing for elements of the streamier receives.

(2) Lazy Evaluation - Each operation in the pipeline performs its own internal iteration of the elements in the stream and this iteration is executed only when the terminal method of that stream is invoked.