**Day 10: 29-10-2025:**

**Java 8:**

**Method reference :** A method reference in Java 8 is a short notation of lambda expression that call as existing method directly rather linking explicitly.

Using this concept we can refer a method by its name instead of writing full lambda expression. With help of method reference we can make code core concise and readable.

In other word a method reference is a compact way of passing behaviour (method execution) as an argument to a method or functions.

Syntax to use method reference

ClassName::methodName; method must be static

ObjectName::methodName: method can be non static

List<String> ll = Arrays.asList(“A”,”B”,”C”);

To retrieve data from collection using lambda

ll.stream().forEach(v->System.out.println(v));

To retrieve data from collection using method reference

ll.stream().forEach(System.out::println);

Optional class :