**Day 6: 5 – Aug 2024 – Core Java**

**Java 8 Features ie Lambda expression and stream api**

1. From java 8 onward interface can contains method with body. But we need to use static or default keyword.

Stream API

Using Stream API we can load the data from collection on demand. Stream hold the data for temporary purpose.

Collection

Or Stream -🡪 Intermediate op -🡪Intermediate op🡪terminal op

Array

4 functional interface

1. Function :

apply abstract method: it take T as parameter and return R value.

1. Supplier

get abstract method. it doesn’t take any parameter but return T value.

1. Consumer

accept abstract method. it take T parameter but no return type.

1. Predicate

test method take T as parameter and return boolen value.

Method reference : Java 8 provided one of the great features ie method reference which hep to refer the functional interface method.

3 types

Static method reference

Non static method reference

Constructor reference