**Types of Method References**

There are four type method references that are as follows:

1. Static Method Reference.
2. Instance Method Reference of a particular object.
3. Instance Method Reference of an arbitrary object of a particular type.
4. Constructor Reference.
5. Static Method Reference:

If a Lambda expression is like:

*// If a lambda expression just call a static method of a class****(args) -> Class.staticMethod(args)***

Then method reference is like:

*// Shorthand if a lambda expression just call a static method of a class****Class::staticMethod***

1. Reference to an instance method of a particular object

If a Lambda expression is like:

*// If a lambda expression just call a default method of an object*

***(args) -> obj.instanceMethod(args)***

Then method reference is like:

*// Shorthand if a lambda expression just call a default method of an object*

***obj::instanceMethod***

1. **Reference to an instance method of an arbitrary object of a particular type:**

If a Lambda expression is like:

*// If a lambda expression just call an instance method of aObjectType*

***(obj, args) -> obj.instanceMethod(args)***

Then method reference is like:

*// Shorthand if a lambda expression just call an instance method of a ObjectType*

***ObjectType::instanceMethod***

1. **Constructor Reference:**

If a Lambda expression is like:

*// If a lambda expression just create an object****(args) -> new ClassName(args)***

Then method reference is like:

*// Shorthand if a lambda expression just create an object****ClassName::new***