

→ Lambda is an Anonymous Function

- No Name
- No Modifier
- No Return Type

Ex :

```
() →  
{  
    System.out.println("Hello");  
}
```

→ Benefits of Lambda Expression

- Reduces the lines of Code
- Sequential and Parallel execution support by passing behaviour as an argument in methods.
- To call APIs Very effectively.
- To write more readable, maintainable and Consise Code.

→ RULES:

- If the body of Lambda Expression contain only one statement then curly braces are optional.
- Java compiler also infer the type of variable passed in arguments, hence type is optional.

→ Functional Interface ←

- If the interface contains only one abstract method then it is Functional Interface.

Ex : → Runnable

→ Callable

→ Comparable,

- To call lambda we require functional interface.
- Lambda is used to implement functional interface in very simple and short manner.