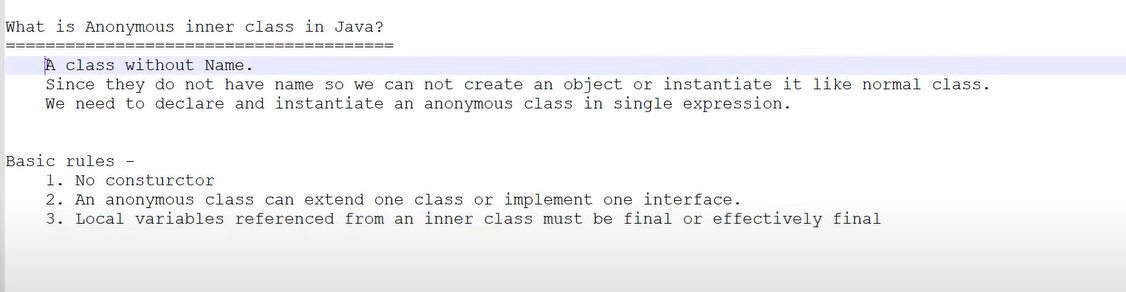
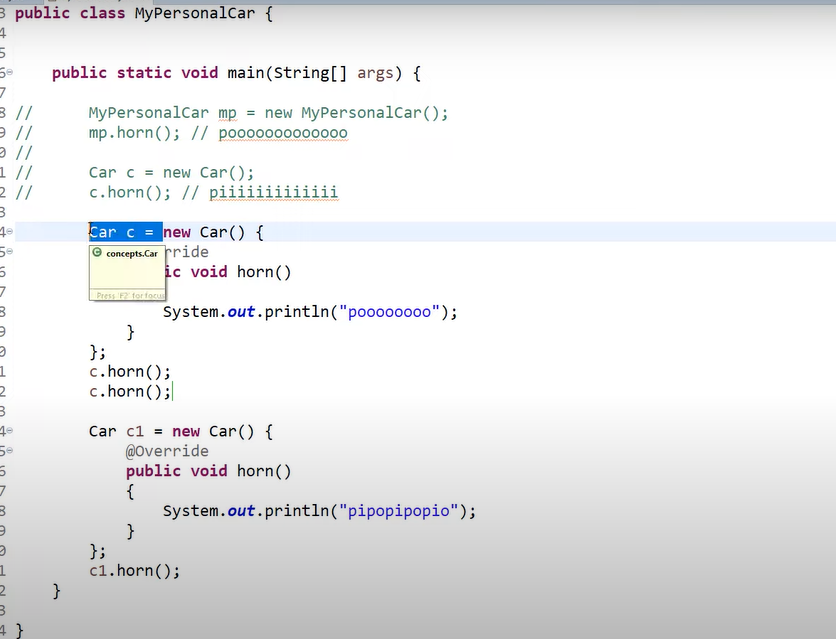
**JAVA**

Graphical user interface, application, Word

Description automatically generated





Graphical user interface

Description automatically generated with low confidence

An interface which has single abstract method. Then that interface is called functional interface.

Note: **Functional interfaces** can have only one abstract class. It can have multiple default and static methods.

**Streams**

Collections -> represent group of element/objects as single entity and to store group of objects.

Streams -> Streams are used to process the data from collection.

Collections are used to store group of objects and streams are used to process the data.

Stream :

1. Filter
2. Map

Filter is used to filter the condition and store the result in the other collection.

**Stream**.

1. Collect
2. Count
3. Sorted
4. Distinct
5. Foreach
6. Min
7. Max

**Non-Terminal methods**

1. Filter()
2. Map()
3. FlatMap()
4. Distinct()
5. Limit()

Note: Non-Terminal methods returns stream of objects.

**Terminal Operations**

1. Collect()
2. Count()
3. Min()
4. Max()
5. Foreach()
6. toArray()

**FlatMap**

FlatMap return group of objects.

FlatMap return multiple values.

Graphical user interface, website

Description automatically generated