Stream can replace loop

To optimize the code:

To get person name and return a List.

The old way:

public List<String> getNameList(List<Person> person){

List<String> nameList = new ArrayList<>();

for(Person p: person){

nameList.add(p.getName());

}

return nameList;

}

Optimized way:

public List<String> getNameList(List<Person> person){

return person.stream().map(p->p.getName()).collect(Collectors.toList());

}

Very SAVE LOOP !!!!!

The Difference between .toList() and .collect(Collectors.toList())

.collect(Collectors.toList())

Produce mutable List (Cannot be edited)

Support by JDK 8 above

toList()

Produce immutable List (Can be edited)

Support by JDK 10 above