

Test 1

A1

public person activa (1)

Gregorian Calendar hoje = new GregorianCalendar(0;

return (days after) (this. insia) & before (this. from) & ! terminated

Ex2

a)

a) `public void addTarefa (Tarefa t)`

this Taylor.add(t.clone());

1

b)

b) `public Iterator <Tarefa> tarefaAtivas (Comparator <Tarefa> c),`

```
TreeSet<Task> aux = new TreeSet<Task>(t);
```

for (Taylor t : this Taylor)

if $(t, \text{adv}) = 0$

aux. odd, $\text{meta}()$

return aux.struct();

c)

c) public des Compensatort implements Comparator <Taufert>

public int compare (Taref t2, Taref ~~2~~) {

if $(t_1.\text{getPriority}) > t_2.\text{getPriority}()$

return 1

else?

 $f($

2

○

return - 1;

else

comparar as ~~redes~~ redes de informação


```
public Set<Tarifa> tarifasEntregadas (GregorianCalendar di, GregorianCalendar df) {
```

```
// hash set out TreeSet<Tarifa> aux = new TreeSet<Tarifa> (passar o comparador)
```

```
for (Tarifa t : this.tarifas) {
    if ((t.getFim().after(di) && t.getFim().before(df))
        aux.add(t.clone());
    }
    return aux;
}
```

Ex 4

```
a) public double validarCarretas() {
    double res = 0.0;
    for (Veiculo v : this.veiculos())
        res += v.validarCarretas();
    return res;
}
```

```
metodo em Veiculo
public double validarCarretas() {
    double res = 0.0;
    for (Carretas c : this.servicosCarretas())
        res += c.validarCarretas();
    return res;
}
```

```
b)
Map<String, ArrayList<Veiculo>> VeiculosPorClasse = {
    TreeMap<String, ArrayList<Veiculo>> res = new TreeMap<String, ArrayList<Veiculo>>();

    for (Veiculo v : this.veiculos())
        for (Carretas c : v.getServicosCarretas()) {
            String nomeClasse = c.getClasse();
            if (res.containsKey(nomeClasse))
                (res.get(nomeClasse)).add(v.clone());
            else
                ArrayList<Veiculo> novo = new ArrayList<Veiculo>();
                novo.add(v.clone());
                res.put(nomeClasse, novo);
        }

    return res;
}
```


Ex 4

a) public String VehicleToString()

String mat;

double max = 0.0;

for (Vehicle v : this.vehicleValues())

if (v.kmPerHour() > max)

mat = v.getMaterial();

max = v.getKmPerHour();

{

return mat;

{

method Vehicle

public double kmPerHour()

double res = 0.0;

for (Object o : this.vehicleValues())

res += o.getKmPerHour();

return res;

//

Ex 5

public class HgMap {

private ArrayList<String> keys;

private ArrayList<Vehicle> values;

or

public class HgMap2 {

private Hashtable<Entry> entries;

{

public class Entry {

private String key;

private Vehicle values;

void SaveHgMap (String filename, double value) throws IOException {

ObjectOutputStream oos = new ObjectOutputStream(new FileOutputStream(filename));

for (Vehicle v : this.values)

if (v.kmPerHour() > value ref)

oos.writeObject(v);

oos.flush();

oos.close();

{

Ex 6