

Correction du TP 1 de P.O.O

Exercice 1:

```
# include <iostream>
# include <string>

using namespace std;

class Person
{
public:
    string nom;
    string prenom;
    string date;
    int cin;
    static int compt;

public:
    Person(string n, string p, string d)
    {
        nom = n;
        prenom = p;
        date = d;
        cin = compt++;
    }

    void printDetails()
    {
        cout<<"le nom de la personne est: "<<nom<< endl;
        cout<<"le prenom de la personne est: "<<prenom<< endl;
        cout<<"le date de naissance de la personne est: "<< date<< endl;
        cout<<"le ID de la personne est: "<<cin<< endl;
    }

};

int Person::compt=1;
```

```
int main ()
{

Person p1("rim", "marah", "tetouan");
//Person p2(p1);
//Person p3("roma", "marah", "madrid");

p1.printDetails();
//p2.printDetails();
//p3.printDetails();

return 0;
}
```

Exercise 2:

```
# include <iostream>
# include <string>

using namespace std;

class Personne
{
public:
string nom;
string age;

public:
Personne()
{
    nom = "";
    age = 0;
}

Personne(string n, int a)
{
    nom = n;
    age = a;
}

Personne(Person const& per)
{
    nom = per.nom;
    age = per.age;
}

void printDetails()
{
    cout<<"le nom de la personne est: "<<nom<< endl;
    cout<<"l'age de la personne est: "<<age<< endl;
    };

int main ()
{
    Personne p1();
    Personne p2(p1);

    p1.printDetails();

    return 0;
}
```

