PS-Blatt 4

Constructor of p2 / p4

P2:

```java
public Student(int studentId, String firstname, String lastname) {
    this.studentId = studentId;
    this.firstname = firstname;
    this.lastname = lastname;
}
```

P4:

1.

```java
public Secretary(String firstname, String lastname) {
    super(firstname, lastname);
    salary = minSalary;
}
```

2.

```java
protected Employee(String firstname, String lastname) {
    super(firstname, lastname);
    salary = minSalary;
}
```

3.

```java
public Person(String firstname, String lastname) {
    this.firstname = firstname;
    this.lastname = lastname;
}
```

→ 2. → 1.

Impossible Instances

It is not possible to solely create a new Employee Object like `Employee employee1 = new Employee(…);` because `Employee` is declared as an abstract method.

raisePayOut()

Calling `raisePayOut(1.4f)` on a Secretary Object will call the double method in the Employee class, because it is of type `Employee` .

Age of a `Professor`?

Since we declared the `age` variable as `private` in our `Person` class (and the Professor object is nothing but an extension of Employee which ultimately is an extension of Person), we cannot access it.