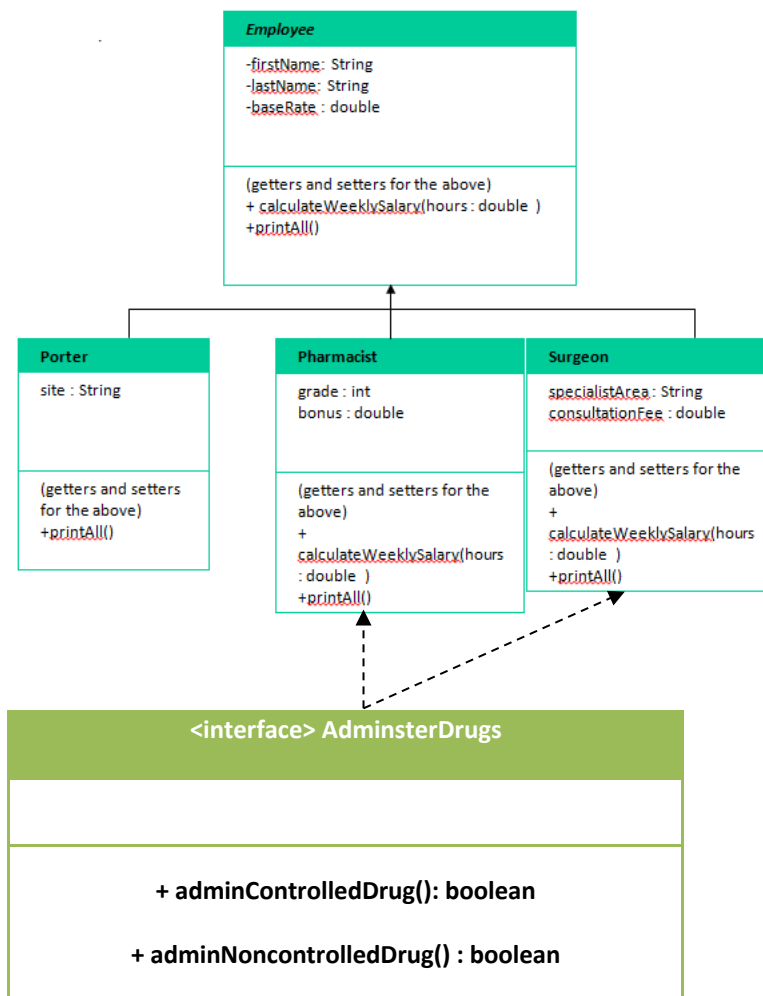


## Hospital Payroll system

### Interfaces

Create the following interface and associate it with the Surgeon and Pharmacist classes.



The surgeon's implementation should allow him/her to administer *only* non controlled drugs. So ***adminNoncontrolledDrug*** should return **true** and ***adminControlledDrug*** should return false. The pharmacist should be able to administer both (i.e. both return true). Test your implementation by invoking these methods on surgeon and pharmacist objects.

The interface should look like this...

```

public interface AdminsterDrugs {

    public boolean adminControlledDrug();

    public boolean adminNoncontrolledDrug();

}

```

The implementation for the surgeon should look like this ...

```
@Override
public boolean adminControlledDrug() {
    return false;
}

@Override
public boolean adminNoncontrolledDrug() {
    return true;
}
```

Testing the implementation :

```
System.out.println("Surgeon : admin controlled drug : "+surgeon1.adminControlledDrug());
System.out.println("Surgeon : admin noncontrolled drug : "+surgeon1.adminNoncontrolledDrug());

System.out.println("Pharmacist : admin noncontrolled drug : "+pharmacist.adminNoncontrolledDrug());
System.out.println("Pharmacist : admin noncontrolled drug : "+pharmacist.adminNoncontrolledDrug());
```

output

```
Surgeon : admin controlled drug : false
Surgeon : admin noncontrolled drug : true
Pharmacist : admin noncontrolled drug : true
Pharmacist : admin noncontrolled drug : true
```