

(abstract) Employee

- fullname : String
- department : String
- First Name : String
- last Name : String
- age : int
- performance Score : int

```
<< constructor >> Employee ( Fullname : String, a : int, p : int, d : String )
+ setFullName (a : String) : void
+ getFullName () : String
+ setDepartment (b : String) : void
+ getDepartment () : String
+ setAge (c : int) : void
+ getAge () : int
+ setPerformanceScore (b : int) : void
+ getPerformanceScore () : void
+ getFirst Name () : String
+ getLast Name () : String
+ (abstract) getMonthlyPayment () : int
+ setFirst Name (First Name : String) : void
+ setLast Name (Last Name : String) : void
```

EmployeeInheritanceTest

```
+ printMonthlyPayment () : void
+ main (args : String []): void
```

Generalization

Generalization

Permanent Employee

- salary : int
- bonus : int
- + (static) social Security Remittance : float

```
<< constructor >> PermanentEmployee (Full Name : String, a : int, p : int, d : String, salary : int)
+ getMonthlyPayment () : int
+ setSalary (int Salary) : void
+ getSalary () : int
```

Hourly Employee

- working Sessions Per Month : int
- (final) min Hour Wage : int
- salary : int
- bonus : int
- work Sessions : int

```
+ calculatePersonalHourlyWage () : void
+ getMonthlyPayment () : int
```

{collection = "ArrayList"}

- Hourly Employee
- Permanent Employee