

## Problem statement-1.1: Injecting dependencies

Write an Employee bean. Inject values into bean using DI and display all values. Refer the class diagram below

The output would look as shown below:

The screenshot shows a Java IDE with a console window and a class diagram. The console window displays the output of an application, showing employee details. The class diagram shows the Employee class with its attributes and a note about methods.

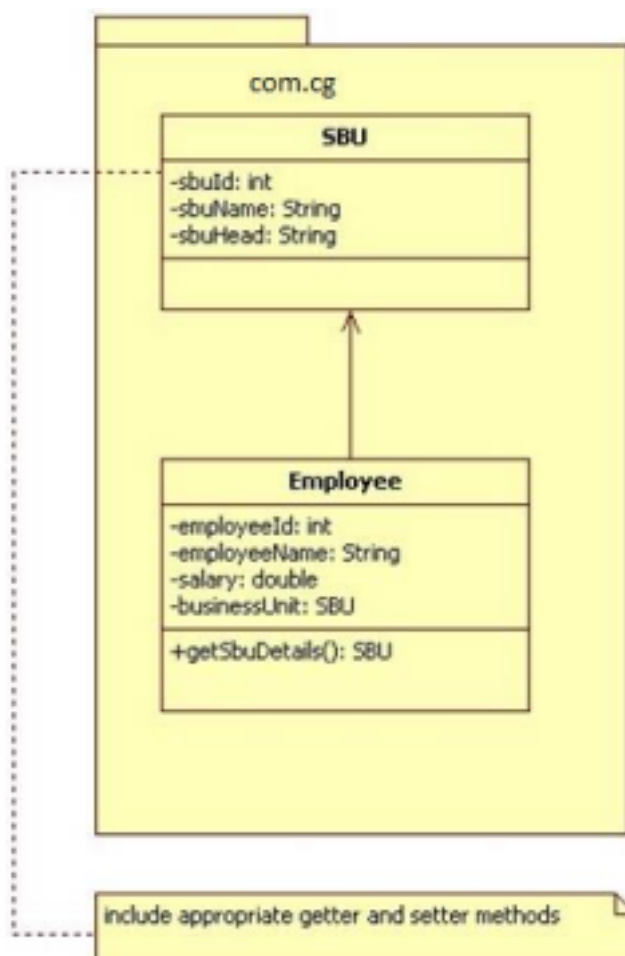
**Console Output:**

```
<terminated> EmpClient (2) [Java Application] C:\Program Files
Employee details
-----
Employee ID : 12345
Employee Name : Harriet
Employee Salary : 40000.0
Employee BU : PES-BU
Employee Age : 30
```

**Class Diagram:**

```
classDiagram
    class Employee {
        -employeeId: int
        -employeeName: String
        -salary: double
        -businessUnit: String
        -age: int
    }
    Employee ..> Note : Appropriate methods
```

Code SBU bean. Revisit the Employee bean and provide a method to retrieve SBU details (getSBUdetails()) for the employee. You will need to inject the SBU bean to the Employee bean as shown in the Class diagram below:



The output would look as shown below:



The screenshot shows a Java IDE window with a console tab. The title bar of the console window reads: <terminated> EmpClient (3) [Java Application] C:\Program Files\Java\jre6\bin\javaw.exe (Feb 20, 2012 4:30:57 PM). The console output is as follows:

```
Employee details
-----
Employee [empAge=40, empId=12345, empName=Harriet, empSalary=40000.0
sbu details=SBU [sbuCode=PES-BU, sbuHead=Kiran Rao, sbuName=Product Engineering Services]]
```