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Pencil And Paper Assignment For Lesson 3

#1)

```
class Account {  
    double balance;  
    Employee emp;  
    public void getBalance(){  
        return balance;  
    }  
}
```

a. Spaces between two lines of codes(ref#5. Indent nested code).

#1.(Ref#7) A right parenthesis ‘)’ or curly brace ‘}’ and any keyword that immediately follows, a keyword and any left parenthesis ‘(’ or curly brace ‘{’ that immediately follows, or a right parenthesis ‘)’ and any left curly brace ‘{’ that immediately follows

#2)

```
boolean checkStatus() {  
    if (balance < 200.00 || hasOverdueFines() ||  
        (recentPayment < 30.00 && phoneIsDisconnected)) {  
        notifyCollections();  
        return false;  
    }  
    return true;  
}
```

Ans# a. Ref#4. Document any deviations. And

b. Ref#6. Break up long lines

#3)

```
class Company {  
    Employee[] employee;  
    public Employee[] getAllEmployees() {  
        return employee;  
    }  
}
```

Ans. Spaces between two lines of codes(ref#5. Indent nested code).

#4)

```
class Department {  
    public double ComputeSalary(Employee emp) {
```

```
//Assume the methods used here really exist
String status = emp.getStatus();
double salary = checkSalary(status);
double bonus = checkBonus(emp);
return BaseSalary+Bonus;
}
}
```

Ans a. Ref#9. Use meaningful names.

b. Ref#22. Use lowercase for the first word and capitalize only the first letter of each subsequent word that appears in a method name.

#5. CustomerAccount and Customer I prefer to put on the same package called Online merchants. Customer accounts and customer checkout each have a place in the overall shopping experience in your online store. On the same situation, Employee and Manager would be on the same package Company because they both work in the company.