## **Assignment**

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 Create a class Product, and add following fields to the class productID productName price description

-> create following methods in the Product class

addProduct(id, name, price, desc) and assign local variable to the instance variables

-> calculate price of product by adding discount codes by creating following method

addDiscountCode(String discountCode)

-> SUUPPER-50OFF add 50% discount to

the price of a added product

-> SPRING200FF

add 20% discount to

the price of a added product

-> WINTER30OFF

add 30% discount to

the price of a added product

-> create following method to display final product after discount is applied

void listProduct()

this method should display product information after discount code is

applied

## Rules

Naming conventions

Class: First letter should be capitalised. If there are more than 2 words, then each word first letter should be capitalised EX: Employee, ContractEmployee, RestaurantAccountReward

Methods and variables
Every method and variables should start with lower case letter only. If there are more than 2 words in a method or variable name, then second word first letter should be capitalised Ex: age , salary, maxAge, employeeName, contractEmployeeName display(), listProducts(), processEmployeeSalary()
Constants
Constant name should be defined all in upper case letters only EX: final int MAX_AGE=76, final float PI=3.14, final String CODE="COOO1"
Keywords and package names

All keywords and package names in java

should be in lower case letters only.

Ex: if, for , class , com, com.xoriant.product