# Lab3 Soln:

1. Using the decorator pattern, I created the required class: InterestPromotionDecorator
2. Decorators POne, PTwo and PThree all extend InterestPromotionDecorator and all override the addInterest() method.
3. Classes: SavingInterestImpStrategy and CheckingInterestImpStrategy all have a constructor that takes in a InterestPromotionDecorator which is switched on runtime to fit the requirement of which interest is needed.
4. There fore the new interest strategy includes the promotions that have been added.

Below is the new class diagram.

