1. Create a class *SavingsAccount* (for keeping deposits). Use a static variable *annualInterestRate* for keeping information about the interest rate, which is common for all depositors. Every instance of this class has a private member *savingsBalance*, which represent the amount that depositor has on account. Write a method *calculateMonthlyInterest* that determines monthly benefit using the following formula: (*savingsBalance\* annualInterestRate*)/12; the result should be added to *savingsBalance*. Write a static method *modifyInterestRate* that gives a new value to *annualInterestRate*. Write a program that tests *SavingsAccount*. Create 2 different objects of type *SavingsAccount* – *saver1* and *saver2*, with balance $2000.00 and $3000.00. Set *annualInterestRate* equal to 4%, then calculate monthly benefit and add it *savingsBalance.* Display new values for deposits. Modify *annualInterestRate* in order to be equal to 5%. Calculate monthly benefit and add it *savingsBalance.* Display new values for deposits.