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| **Ex13-02.cpp:** *Class Level Data Members* | |
| **Line#** | **Code** |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43 | #include <iostream>  using namespace std;  class Account {  public:  float Balance;  static float InterestRate;  Account() {  Balance = 0.0F;  }  Account(float initAmount) :Balance(initAmount) {  }  void Withdraw(float amount) {  Balance = Balance - amount;  }  void Deposit(float amount) {  Balance = Balance + amount;  }  void Update() {  Balance = Balance \* (1.0F + InterestRate);  }  static void PurgeInactiveAccounts() {  InterestRate = 0.12F;  //The method goes here...  }  };  float Account::InterestRate = 0.1F;  int main(){  Account\* acc1 = new Account(2000);  Account\* acc2 = new Account();  acc1->Withdraw(200);  acc2->Deposit(100);  Account::InterestRate = 0.1F;  acc1->Update();  acc2->Update();  printf("acc1->Balance is $%.2f\n", acc1->Balance);  printf("acc2->Balance is $%.2f\n", acc2->Balance);  delete acc2;  delete acc1;  } |