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| --- | --- |
| Class | Vector |
| Data Field Members | * int vectorElements[100] * static int sizeOfVector |
| Behaviors | * Vector() * Vector(int sizeOfVector) * Vector(int vectorElements[100], int sizeOfVector) * void push\_back(int value) * void pop\_back() * T size(int vectorElements) * const T at(int index) * const bool empty() * void clear() * void swap(Vector v2) |

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| --- | --- |
| Class | Account |
| Data Field Members | * string name * int ID * double balance * static double annualInterestRate * vector<Transaction> accountTransactions;   + double monthlyInterestRate |
| Behaviors | * Account() * Account(string setname, int setID, double setbalance, double setannualInterestRate) * Account(string setname, int setID, double setbalance) * string getName() * int getID() * double getAnnualInterestRate() * double getMonthlyInterestRate() * double withdraw(double amount) * double deposit(double amount) |

|  |  |
| --- | --- |
| Class | Transaction |
| Data Field Members | * Date date; * char type; * double amount; * double balance; * string description; |
| Behaviors | * Transaction(char settype, double setamount, double setbalance, string setdescription) * void printsummary(Transaction) |