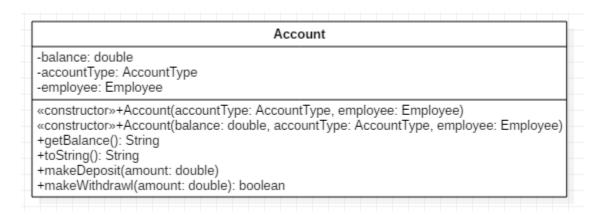
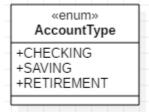
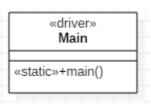
Programming Assignment

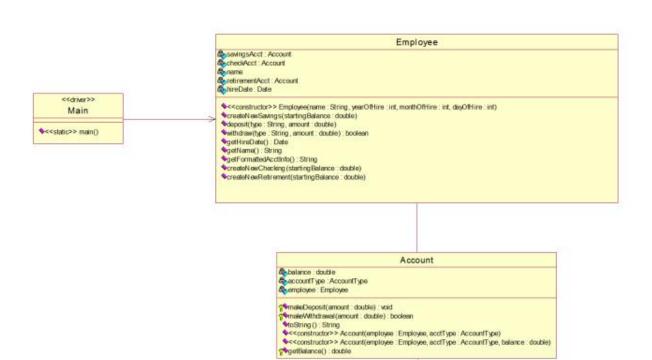
Class Diagram. The following diagram – called a *class diagram* -- displays the instance fields and instance methods of classes Main, Employee, and Account and shows the simple relationships between these classes. The arrows indicate directions of "messages" from one class to another; if a line has no arrow, it means that "messages" can be passed in either direction. Notice that Main communicates only with Employee, not with Account.

Employee -savingAcc: Account -checkingAcc: Account -retirementAcc: Account -name: String -hireDate: LocalDate «constructor»+Employee(name: String, yearOfHire: int, monthOfHire: int, dayOfHire: int) +getName(): String +getHireDate(): LocalDate +getFormattedAccountInfo(): String +deposit(type: AccountType, amount: double) +withdraw(type: AccountType, amount: double): boolean +createNewSavings(startingBalance: double) +createNewChecking(startingBalance: double) +createNewRetirement(startingBalance: double)









<<enun>>
AccountType
AccountType
CHECKING
SAVINGS
RETIREMENT