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| Employee |
| * firstName : String * lastName : String * monthlySalary : double |
| + Employee()  + Employee(firstName : String, lastName : String)  + Employee(firstName : String, lastName : String, monthlySalary: double)  + setFirstName(firstName : String) : void  + setLastName(lastName : String) : void  + setMonthlySalary(monthlySalary : double) : void  + getFirstName() : String  + getLastName() : String  + getMonthlySalary() : double |

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| EmployeeTest |
| + main() : void |

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| HW1Problem2 |
| + multiple(first : int, second : int) : boolean  + remainder(value: int) : int  + distance(x1 : double, y1 : double, x2 : double, y2 : double) : double  coinFlip() : void |

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| Problem2Driver |
| + main() : void |

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| CheckingBankAccount |
| * value : double * person : Person |
| + CheckingBankAccount(value : double, person : Person)  + setValue(value : double) : void  + setPerson(person : Person) : void  + getValue() : double  + getPerson() : Person  withdrawl(amount : double) : void  deposit(amount : double) : void |

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| Address |
| * addressLine1 : String * addressLine2 : String * city : String * state : String * zipCode : String |
| + Address(addressLine1 : String, city : String, state : String, zipCode : String)  + Address(addressLine1 : String, addressLine2 : String, city : String, state : String, zipCode : String)  + setAddressLine1(addressLine1 : String) : void  + setAddressLine2(addressLine2 : String) : void  + setCity(city : String) : void  + setState(state : String) : void  + setZipCode(zipCode : String) : void  + getAddressLine1() : String  +getAddressLine2() : String  + getCity() : String  + getState() : String  +getZipCode() : String  + toString() : String |

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| Bank |
| * name : String * address : Address * bankAccounts : ArrayList<CheckingBankAccounts> |
| + Bank(name : String, address : Address)  + setName(name : String) : void  + setAddress(address : Address) : void  + getName() : String  + getAddress() : Address  + addAccount(bankAccount : CheckingBankAccount) : void  + removeAccount(bankAccount : CheckingBankAccount) : void  main() : void |

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| --- |
| Person |
| * firstName : String * lastName : String * address : Address * bankAccount : CheckingBankAccount |
| + Person(firstName : String, lastName : String)  + Person(firstName : String, lastName : String, address : Address)  + Person(firstName : String, lastName : String, address : Address, bankAccount : CheckingBankAccount)  + setFirstName(firstName : String) : void  + setLastName(lastName : String) : void  + setAddress(address : Address) : void  + setCheckingBankAccount(bankAccount : CheckingBankAccount) : void  + getFirstname() : String  + getLastName() : String  + getAddress() : Address  +getBankAccount() : CheckingBankAccount |