“has a” relationship

dependency

**PresidentMDrvr**

-myPresidents: Presidents[]

-numPresidents: int

+PresidentMDrvr(int maxSize)

+add(Presidents president): void

+displayPresidents(): void

+sortByName(): void

+sortByNumber(): void

-swap(int pos1, int pos2): void

+sequentialSearch(String search): void

+binarySearch(String[] searchKey, int currentTarget): int

**Main**

-MAX\_PRESIDENTS: int

-KEY\_TOTAL: int

-presidentDrvr: PresidentMDrvr

+main(String[]args): void

-execute(): void

+Main()

+readFile(String fileName): void

+keyReader(String filename): void

+binaryDisplay(): void

**Presidents**

-number: int

-name: String

-code: String

-yearsOffice: int

-party: String

-homeState: String

+Presidents (int pNum, String pName, String pCode, int pYears, String pParty, String pState)

+toString(): String

+getNumber(): int

+getYearsOffice(): int

+getCode(): String

+getName(): String

+getParty(): String

+getHomeState(): String