UML Class Diagram

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Presidents

- number : int

- term : int

- name: String

- code: String

- party: String

- state: String

+ «constructor» Presidents(number: int, name: String, code: String, term: int, party: String, state: String)

+ toString(): String

+ getNumber(): int

+ setNumber(number: int): void

+ getName(): String

+ setName(name: String): void

+ getCode(): String

+ setCode(code: String): void

+ getTerm(): int

+ setTerm(term: int): void

+ getParty(): String

+ setParty(party: String): void

+ getState(): String

+ setState(state: String): void

PresidentsMDrvr

- myPresidents[]: Presidents

- numElems: int

+ «constructor» PresidentsMDrvr(maxSize: int)

+ insert(number: int, name: String, code: String, term: int, party: String, state: String): void

+ display(): void

+ bubbleSortOnNumber: void

+ bubbleSortOnName: void

- swap(one: int, two: int): void

+ sequentialSearch(partySearchKey: String): void

+ sequentialSearchDisplay(): void

+ binarySearch(nameSearchKey: String): void

+ binarySearchDisplay(): void

Main

- PresidentsDrvr: PresidentsMDrvr(maxSize: int)

+ main(String[] args): void