+PresidentsMDrvr(max: int)

+add(president: Presidents): void

+display(dispType: int): void

+bubbleSort(sortType: int): void

- swap(pos1: int, pos2: int): void

+sequentialSearch(inKey: String[]): void

+displaySeqSearch(inKey: String[], hits: int[]): void

+binarySearch(binKey: String[]): void

+displayBinSearch(binKey: String[], probes: int[], binaryFound: int[] ):void

-myPresidents: Presidents[]

-nElem: int

PresidentsMDrvr

Presidents

- number: int

-name: String

-code: String

- year: int

- party: String

-state: String

+Presidents(pNumber: int, pName: String, pCode: String, pTerm: int, pParty: String, pState: String)

+getNumber(): int

+getName(): String

+getParty(): String

+toString(): String

Main

-presidentsDrvr: PresidentsMDrvr

-MAX\_PRESIDENTS: int

-key:String[]

-binKey:String[]

+main(args: String[]): void

+fileReader(file: String): void

+keyReader(file: String): void

+binKeyReader(file: String): void