Class: BinarySearch name: main; record: Method; type: void name: this; record: Variable; type: BinarySearch **Method: Start** Method: main name: aux02; record: Variable; type: int name: aux01; record: Variable; type: int name: sz; record: Parameter; type: int name: a; record: Parameter; type: String[]

Symbol Table

<u>Program</u>

name: BS; record: Class; type: BS name: BinarySearch; record: Class; type: BinarySearch

Class: BS

name: Init; record: Method; type: int
name: Compare; record: Method; type: boolean
name: Search; record: Method; type: boolean
name: Start; record: Method; type: int
name: Div; record: Method; type: int
name: size; record: Variable; type: int
name: number; record: Variable; type: int
name: Print; record: Method; type: int
name: this; record: Variable; type: BS

Method: Search

name: nt; record: Variable; type: int
name: aux01; record: Variable; type: int
name: medium; record: Variable; type: int
name: left; record: Variable; type: int
name: right; record: Variable; type: int
name: var_cont; record: Variable; type: boolean
name: bs01; record: Variable; type: boolean
name: num; record: Parameter; type: int

Method: Div

name: aux03; record: Variable; type: int name: count02; record: Variable; type: int name: count01; record: Variable; type: int name: num; record: Parameter; type: int

Method: Compare

name: aux02; record: Variable; type: int name: retval; record: Variable; type: boolean name: num2; record: Parameter; type: int name: num1; record: Parameter; type: int

Method: Init

Method: Print

name: j; record: Variable; type: int

name: aux01; record: Variable; type: int name: aux02; record: Variable; type: int name: k; record: Variable; type: int name: j; record: Variable; type: int name: sz; record: Parameter; type: int