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**Module 5 Assignment Pseudocode – Binary Search Tree**

**START**

**WHILE** user input is **NOT** 9:

Display Menu:

Option 1: Load Bids

Option 2: Display All Bids

Option 3: Find Bid

Option 4: Remove Bid

Option 9: Exit

**PRINT** “Enter choice: “

**GET** user input

**IF** user choice is 1:

**START** clock

**CALL** loadBids with the CSV file path and bidTable

**STOP** timer

**PRINT** “time: “ and time taken in clock ticks

**PRINT** “time: “ and time taken in seconds

**IF** user choice is 2:

**CALL** the InOrder function

**PRINT** all bids in sorted order

**IF** user choice is 3:

**START** clock

**SET** bid to equal the given bidKey

**SET** ticks equal to the current time in clock ticks minus start time

**IF** bidId is **NOT** empty:

**PRINT** bid details

**ELSE**

**PRINT** “Bid Id [bidKey] not found.”

**STOP** clock

**PRINT** “time: “ and time taken in clock ticks

**PRINT** “time: “ and time taken in seconds

**IF** user choice is 4:

**CALL** the Remove function

**REMOVE** bidKey

**IF** user choice is 9:

**PRINT** “Good bye.”

**EXIT** the loop

**END**