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| **SearchInput** |
|  |
| + SearchInput()  + void keyInput(String fileName, String[][] data, int item) |

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| **Search** |
|  |
| + Search()  + void searching(String fileName, String[][] data, int item, String input) |

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| **UpdateRecords** |
|  |
| + UpdateRecords()  + static void updateFile(String fileName, String [][] data) |

**Video Rental Class Diagram**

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| **Search2** |
|  |
| + Search2()  + void searching(String fileName, String[][] data, int item, String input) |

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| **Sorter** |
|  |
| + Sorter()  + static String [][] sort (String list][], int item)  + static void swap (String[][] list, int index, int item) |

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| **Rental** |
| - static String filename  - final int Max  - String rows[]  - String info[][]  - ReadData rd  - Sorter s  - SearchInput si  - SearchInput2 si2  1..1  - KeyInput input  - NewRecord nr  - Output ou |
| + void makeMenu()  + boolean action (Event evt, Object obj)  + static void main (String [] srt)  + void paint (Graphics g)  1..1 |

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| **SearchInput2** |
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| + SearchInput2()  + void keyInput(String fileName, String[][] data, int item) |

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| **Records** |
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| + Records()  + String[][] getRecords (String data[]) |

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| **KeyInput** |
| - static String txt  - static String input  - static String[] items |
| + KeyInput()  + static String entries() |

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| **Output** |
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| + Output()  + void KeyIn(String data[][]) |

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| **NewRecord** |
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| + NewRecord()  + static void addRecord(String fileName, String newRec) |

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| **SearchBar** |
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| + boolean action()  + void stage3() |

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| **Receipt** |
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| + Receipt()  + void printReceipt (String[][] data, String input) |

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| **ReadData** |
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| +ReadData()  +String readFile (String fname, int max) |

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| **DataOutputStream** |
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| **DataInputStream** |
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| **Button** |
|  |
| + void bText()  + void stage2() |

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Unsure