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| **ImageLabel** |
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| + ImageLabel(String img)  + ImageLabel(ImageIcon icon) |

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| **KeyInput** |
| - static String info [][]  - static String txt, input, searchMovie  - static String items []  - static String newRec2 |
| + KeyInput()  + static String entries(String fileName, String fileName2, String str, String info3[][], int item) |

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| **Movies** |
| - static String str  - static String newRec  - static String str2  - static String info4[][]  - static String txt  - static String lastName  - static String info[][]  - NewRecord nr  - String filename  - Output ou |
| + Movies(String str, String str9, String str2, String info4[][], String info[][])  + void actionPerformed(ActionEvent event)  + static void main(String[] args) |

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

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| **ReadData2** |
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| +ReadData2()  +String[] readFile(String fname, int max) |

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| **Search5** |
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| + static Search5  + searching(String fileName2,String info4[][], int item, String str) |

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

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

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| **Search6** |
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| + static Search6  + static boolean searching(String fileName2,String info4[][], int item, String str) |

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| **Search3** |
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| + Search3()  + boolean searching (String fileName, String data[][], int item, String input, String input2) |

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| **SortMovies** |
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| + Sortmovies()  + SortMovies(String info[][], int item)  + static void main(String []args) |

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

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| **Search2** |
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| + Search2()  + boolean searching (String fileName, String data[][], int item, String input, String input2) |

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| **MovieRentalMain** |
| - static String filename  - static String filename2  - static String str  -static String str4  - final int Max  - String rows[]  - String rows2[]  - String info[][]  - String info2[][]  - String info3[][]  - String info4[][]  - ReadData rd2  - Records re  - Sorter s  - KeyInput ki  - NewRecord nr  - Search2 f  - Search3 g  - Search5 d  - Search6 e  - static String newRec2  - String items[]  - String newRec  - String abc  - String str2 |
| + MovieRentalMain()  + void actionPerformed (ActionEvent event)  + String choose(String str9)  + String pictures4(String str)  + void pictures2(String info[][])  + String pictures3(String str)  + String pictures(String str)  + static void main(String[] args) |

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| Sorter |
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| Search6 |
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| Search5 |
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| NewRecord |
| … |

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| KeyInput |
| … |

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| Records |
| … |

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| ReadData2 |
| … |

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| Search2 |
| … |

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| ImageLabel |
| … |

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| Movies |
| … |

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| SortMovies |
| … |

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| DataInputSream |
| … |

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| DataOutputStream |
| … |

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| UpdateRecords |
| … |

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| Search3 |
| … |

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