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| IApplication<Interface> |
| +readInputFile(); IList  +writeOutputFile(IList Output); void  +printToScreen(String Input, String Output); void  +reverseString(String s); String |

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| --- |
| Stack |
| -listVals: LinkedList |
| +push(String s); void  +pop(); void  +peek(); node  +size(); int  +isEmpty(); boolean |

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| Application |
| -fileValues: node  -listValues: IList |
| +readInputFile(); IList  +writeOutputFile(IList Output); void  +printToScreen(String Input, String Output); void  +reverseString(String s); String |

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| --- |
| Node |
| -data: <E> |
| +getData(); E  +setData(E data);  +getNext(); INode<E>  +setNext(INode<E> next); void |

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| --- |
| IStack |
| +push(String s); void  +pop(); void  +peek(); node  +size(); int  +isEmpty(); boolean |

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| --- |
| LinkedList |
| -node: Node; |
| +add(String e); void  +add(int index, String e); void throws IndexOutOfBoundsException  +clear(); void  +contains(String s); Boolean  +getHead(); String  +getTail(); String  +get(int index); String throws IndexOutOfBoundsException  +indexOf(String s);  +isEmpty(); Boolean  +remove(int index); String throws IndexOutOfBoundsException  +size(); int |

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| --- |
| INode<E> <Interface> |
| +getData(); E  +setData(E data);  +getNext(); INode<E>  +setNext(INode<E> next); void |

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| --- |
| Main |
| +main(String[] Args); void |

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| IList<Interface> |
| +add(String e); void  +add(int index, String e); void throws IndexOutOfBoundsException  +clear(); void  +contains(String s); Boolean  +getHead(); String  +getTail(); String  +get(int index); String throws IndexOutOfBoundsException  +indexOf(String s);  +isEmpty(); Boolean  +remove(int index); String throws IndexOutOfBoundsException  +size(); int |