

JavaScript is disabled on your browser.

- [Prev Class](#)
- [Next Class](#)

- [Frames](#)
- [No Frames](#)

- [All Classes](#)

- [Summary:](#)
- [Nested |](#)
- [Field |](#)
- [Constr |](#)
- [Method](#)

- [Detail:](#)
- [Field |](#)
- [Constr |](#)
- [Method](#)

jminusminus

## Class NLIRASTore

- [java.lang.Object](#)
  - [jminusminus.NLIRInstruction](#)
    - [jminusminus.NLIRASTore](#)

.

Assignment Project Exam Help

<https://powcoder.com>

```
class NLIRASTore  
extends NLIRInstruction
```

Add WeChat powcoder

LIR instruction representing JVM array store instructions.

### • Field Summary

Fields	
Modifier and Type	Field and Description

int	<b>opcode</b> Opcode of the JVM instruction.
-----	---

- **Fields inherited from class [jminusminus.NLIRInstruction](#)**  
[block](#), [id](#), [lirMnemonic](#), [reads](#), [write](#)

### • Constructor Summary

Constructors	
Constructor and Description	

```
NLIRASTore(NBasicBlock block, int id, int opcode,  
NLIRInstruction arrayRef, NLIRInstruction index,
```

```
NLIRInstruction value, String sType, String lType)
```

Construct an NLIRStore instruction.

- **Method Summary**

Methods

**Modifier and  
Type**

**Method and Description**

void	<b>toSpim(PrintWriter out)</b> Translate this LIR instruction into SPIM and write it out to the specified output stream.
------	---

String	<b>toString()</b> Return a string representation of this instruction.
--------	--

- **Methods inherited from class jminusminus.NLIRInstruction**

`allocatePhysicalRegisters`

- **Methods inherited from class java.lang.Object**

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait`

## Assignment Project Exam Help

- **Field Detail**

- **opcode**

`public final int opcode`

Opcode of the JVM instruction.

- **Constructor Detail**

- **NLIRStore**

```
public NLIRStore(NBasicBlock block,
                int id,
                int opcode,
                NLIRInstruction arrayRef,
                NLIRInstruction index,
                NLIRInstruction value,
                String sType,
                String lType)
```

Construct an NLIRStore instruction.

**Parameters:**

`block` - enclosing block.  
`id` - identifier of the instruction.  
`opcode` - JVM opcode for the instruction.  
`arrayRef` - LIR of the array reference.  
`index` - LIR of the array index.  
`value` - LIR of the value to store.  
`sType` - type (short name) of the array.  
`lType` - type (long name) of the array.

<https://powcoder.com>

Add WeChat powcoder

- **Method Detail**

- **toSpim**

```
public void toSpim(PrintWriter out)
```

**Description copied from class: [NLIRInstruction](#)**

Translate this LIR instruction into SPIM and write it out to the specified output stream.

**Overrides:**

[toSpim](#) in class [NLIRInstruction](#)

**Parameters:**

out - output stream for SPIM code.

- **toString**

```
public String toString()
```

**Description copied from class: [NLIRInstruction](#)**

Return a string representation of this instruction.

**Overrides:**

[toString](#) in class [NLIRInstruction](#)

**Returns:**

string representation of this instruction.

- [Prev Class](#)
- [Next Class](#)

- [Frames](#)
- [No Frames](#)

- [All Classes](#)

- [Summary:](#)
- [Nested |](#)
- [Field |](#)
- [Constr |](#)
- [Method](#)

- [Detail:](#)
- [Field |](#)
- [Constr |](#)
- [Method](#)

Assignment Project Exam Help

<https://powcoder.com>

Add WeChat powcoder