RISC Machine-Level (Assembly) Instructions

PC: Program Counter

Ri: Register i for any particular i

nnnn, mmmm: Numerical value

Note: when a number is contained within angle brackets (<...>), it means that number is a memory location. The assembly code itself will not contain those angle brackets.

```
LD <nnnn>, Ri Ri <-- data at memory location <nnnn>
LD Ri, Rj Rj <-- data at memory location contained in Rj
LDi nnnn, Ri Ri <-- nnnn
SD Ri, <nnnn> Store data in Ri to memory location <nnnn>
SD Ri, Rj Store data in Ri to memory location contained in Rj
SDi mmmm, <nnnn> Store the number mmmm to memory location <nnnn>
SDi mmmm, Ri Store the number mmmm to memory location contained in Ri
```