|  |  |  |
| --- | --- | --- |
| **Instruction** | **Functionality** | **OPCODE** |
| ADD | ADD RX, RY | 001 XX YY |
| SUB | SUB RX, RY | 010 XX YY |
| LDR | LDR RX, (RY) | 100 XX YY |
| STR | STR RX, (RY) | 110 XX YY |
| B | B imm | 011 iiii |
| SCT |  |  |
| AND |  |  |
| XOR |  |  |
| Init |  |  |
| SLT |  |  |