



Operation performed by the

Instr.	ALU
addi	$op1 + op2$
slti	$op1 < op2 ? 1:0$
sltiu	$op1 < *op2 ? 1:0$
andi	$op1 \text{ and } op2$
ori	$op1 \text{ or } op2$
xori	$op1 \text{ xor } op2$
slli	$op1 \ll op2 (4:0)$
srli	$op1 \gg op2 (4:0)$
srai	$op1 \gg * op2 (4:0)$

shamt  
(shift amount)

(\*) < considering op1 and op2 as unsigned

(\*\*) >> shift-right arithmetic (maintain sign, MSB of op1)