ANDI (1 type) opade:12 Reg Dst. O Jamb: Branch: () MemtoRead: X Memto Reg: () ALUOP: 12 (output: 000-and) Memwrite: ALUSIC: 1 Regwrite: 1 Link: 0 Link- (:() Reg_31:- () Reg-3/_F:

b-invert: X

) nwb-wew:

ind-nem: 0

balv: ()

SRLV (Rtype) Furt = 6 Ray Dst; I Dump: () Bronch: O MentoRead: X Memto Reg: () AU()P: 10 (ontpt: 100(s hift) Membrite:0 ALUSIC: O Reg Write: 1 Link: Link-r: () Reg_31: () Reg-31-r: (b-invert: X ba/v. O; mon januc imp_man; O

BNEAL (I type)

Opcode: 45 Rey Dst: X

Jump:

B (orch: I

MentoRead: X

Memto Reo: X

ALL109:01

MemWrite:

ALUSIC: ()

Leg Write: 1

link: 1

Linker:0

Reg. 31: 1

Reg-31-r. O

b-invert: 1

halv: O

jump-mem: 0

Smot Men; O

BALV (j type)

opad: 33

Reg Dst: X

Jump: ()

Branch: 1

Memto Read: X

Memto Reg. X

ALUOP: XX

Mem/Vrite: ()

ALUSIC: X

RegWrite: 1

Link: I

Link_r:0

Reg-31: 1

Reg-31-r: 1

b-invert: X

balv:1

jump-mem: O

) mon:) mon:)

<u>JMOR</u> (R type) Reg Dst: X

Jump; X

Branch: X

Mento Read: I

Mento Reg. 1 [Mento Res R'lada O]

ALU Op: 10 (output: 001-0R)

MemWrite: O

ALUSIC: O

ALUDP=10 Sa ve funcc=37

Regwhite: 1

ise smilling

Link:0

Link-1:1

Reg_31:0

Reg-31-1:1

b-invert: X

balv: O

Jump-mem: 1

imac mem: 1

JALR (Rtype)

Reg Dst. 1

Funct:9

Jump: X

Bronch: X

Membolead. X

Mando Reg. O

ALUOP: 20 (output: 011)

MemWrite: 0

Allerc: X

Regwrite. 1

Link. O

Link-r: 1

Rey_31: 0

keg_31_1: 0

b-invert. X

balv: O

jump_men: 1

1 wal - (vem: ()