#13'-s for branch

borneh means frenging.

BAL-D borneh always
it will always jump.

BNV-D branch never.

- D no operation has been done.

ME Like "NOP (no operation)

. M 2051.

BCC + branch it arry set. (IC).

BCC-D branch corry clears.

jump it carry flag is zero.

(JNC)

BV 3-D branch if every flow set.

jup if over flow flag is I

BVC - & branch it overfrow class.

jumps it overfrow flag 0.

#BMI -D branch it winds.

jump it negative flag is 1.

- DAL/B

-BNV

-BCS

-BCC

- BVZ

- Bre

-BMS

-BPL BPL-D branch if plur. - BEG . . . (.) I BEG -D barch it agral. - > jump it zero flag 19 1. (it impres the two rankers) [we copper to runber the and effects are shown in zero thogs. -BNB-Dbranch of not ognal. diens sout est to (bough) Djump +} zero fing is 0. greater. - DHI - made rober to done & BAI - Dbranch if higher. -BH1 a strong of that to (party) (we compare too rumbers level to mit and the first number is

highers.)

- BHS

(bondet BHS & branch if higher wo spore.

(we compare two numbers of my the first number of higher or some)

- BLO - Branch if Cowers. (the first rumber is love.) - BLS part and to quest do \$1 BLS - D bronch It howers or some. (it upperes the two mounts) (we compare too runber the first me is lower or some) - D6T the BaTe of grater than Eigned) if the first one is
greater. and BUR D warch if greater then an egual. 2 radium drait est bon town or equal. -BLT -D branch is less than . enzen relaid to dansed & 240 (signed) - BLE solver and surgers sw)

The BLE - b Wanch is loss than are qual.

The BLE - b Wanch is loss than are qual.

Int intel au pricersons, the conditions are attached with jemps.

In ARM the word time one be attached with energy instanction. . OR of sing even the court

MOV 20, 27 MOVES RD, R1

NOV RU, P.J. value in R1 goes to RD. Mor 1920, 21

(X) it so and en are gual time duter will per to RA to RD.

This is orang.

(m) The effect of project previous instanct produces

equal result. than I rather moves to RD.

Like JC (ajemp if carry) it carry the is I it will jump to the asking coartion.
otherwise it will not from. operation which produces carry
than As value pass to RD.

otherswise skip the instanction.

A MULEB

it will slup this operation.

ADDS RD, R1, R2 De ave automotivelly affected L.

ADDS RD, R1, R2

are automatically affected by
there regult of the instanction.

But in ARM NO instanctions
do not affect flags automatically.

Thy Om The only way to affect the Harp by the regult of instrution end of the struction name. ADD 20, P1, P2

POA P1+P2

it will not affect any flag. If there The carry will not find it in any gastoles effet effects trackers.

afternoon and road to Amount to ADDS RO, R1, R2.

204 PC+ F2.

have these this will be affected by the separt of the grevation.

MOV RO, RI MOVS 20, 49 MOVS ES RO, R1

H MOVRO, K1

value in RI moves to RO. the corresponding these will not be Heeted.

MOVS RO, RI

the value in PS goverto RD and affects the flags

HOVE ESS 20, R1.

The pesult of previous instruction is egyal than the value in RD goes to RD.
and also affects the flags.

If the result of previous instruction is not equal than skip (MONSEQ 20,2)

offect any try. If two

el war ro, kl

value in RI moved to PO.

MONZED PO, PJ