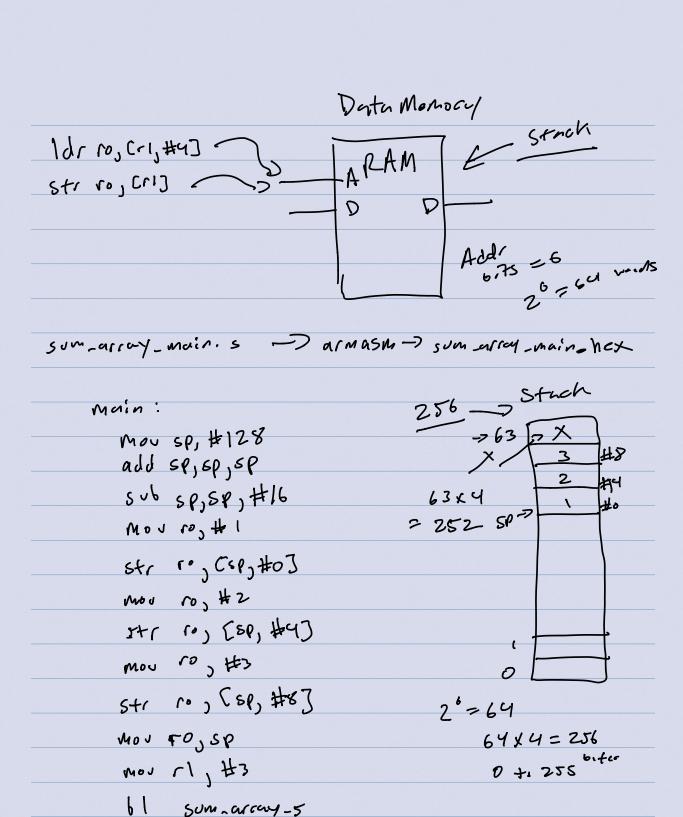
.VTest program construction stack / arrays
. 1 Sprendsheet construction
· JSDT instructions -> MR and MW
· Conditional execution NZCV+CPSR +CPSRW
Test programs:
SUM-array_main.c sum-array_s.s
Sum-array-main.c sum-array-s.s
Muin() { Jourarry-S;
int ac7= 21,2,32;
intr;
(= SUM_CC/C)_S(M)3)
printf("r==%d\n",r);
exitos
sum-array-main.s -> armasm -> sum array-main-hex
Main:



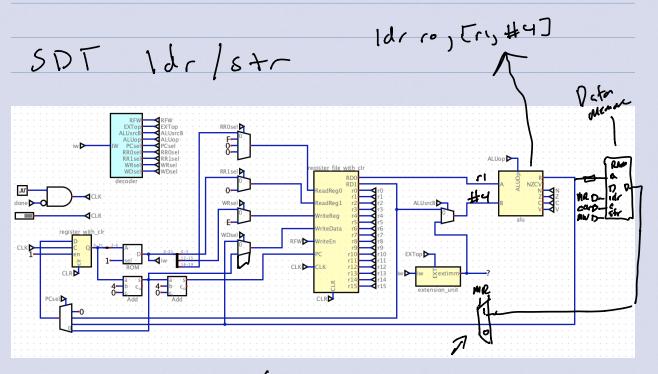
sum_array_s:
billion

add rosro, Ho

Incremental Work

Mata Processing: mouce) jaddii) subcro, subcio (molr) j cmoci) -> (s(cr) pls(ci) 7-> mou Isr (r), (srci)

Multiply: mul SDT: War, str Cond execution for branch



1dr ro, [ri] #4 Str ro, Cri, Ho] ldr ro, Cri, r23

S+1 10 18 (2) (

Conditional Execution
cmp ro, #0
beg end
ship of the same o
CMP
Subtract in ALU
No Wrater for Ray File
NCZV
In control unit add CPBR Reg (4) sits)
xir ²
b(*) beg, bne, blt, bgc,
Act on cond code Filld
XV cond
1110