Last name:	First name:	Group.
Last manne.	I fist fight.	Οιουρ

ANSWER SHEET TO BE HANDED IN

Exercise 1

Instruction	Memory	Register	
Example	\$005000 54 AF 00 40 E7 21 48 C0	A0 = \$00005004 A1 = \$0000500C	
Example	\$005008 C9 10 11 C8 D4 36 FF 88	No change	
MOVE.W #18,-6(A2)	\$005008 C9 10 00 12 D4 36 1F 88	No change	
MOVE.W \$5004,3(A0,D0.W)	\$005008 C9 10 E7 21 D4 36 1F 88	No change	
MOVE.B 5(A1),\$18(A1,D1.L)	\$005008 C9 10 11 C8 D4 36 1F 36	No change	
MOVE.L -\$8(A1),-1(A2,D2.W)	\$005008 C9 10 11 C8 54 AF 18 B9	No change	

Exercise 2

Operation	Size (bits)	Missing Number (hexadecimal)	N	Z	V	C
\$7F + \$?	8	\$01	1	0	1	0
\$98BD + \$?	16	\$6743	0	1	0	1
\$98BD + \$?	32	\$8000000	1	0	0	0

Exercise 3

Values of registers after the execution of the program. Use the 32-bit hexadecimal representation.				
D1 = \$00000001	D3 = \$00002206			
D2 = \$00000022	D4 = \$0000000B			

Exercise 4

```
CopyDec move.l d0,-(a7)

adda.l d0,a1
adda.l d0,a2

\loop move.b -(a1),-(a2)
subq.l #1,d0
bne \loop
move.l (a7)+,d0
rts
```

```
Сору
             tst.l
                      d0
             beq
                      \quit
                      a1,a2
             cmpa.l
             beq
blo
                      \quit
                      \inc
\dec
             jsг
                      CopyDec
             rts
\inc
                      CopyInc
             jsr
\quit
             rts
```