Last name: ..... First name: ..... Group: .....

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 $5006,(A1)+`		
`MOVE.W #36,4(A1)`		
`MOVE.B 3(A2),-4(A1,D1.L)`		
`MOVE.L -8(A1),-32(A1,D0.W)`		

Exercise 2

Operation	Size (bits)	Result (hexadecimal)	N	Z	V	C
`$5A + $A5`	8					
`$7F8C + $2000`	16					
`$FFFFFFFF + $FFFFFFFF`	32					

Exercise 3

Values of registers after the execution of the program. **Use the 32-bit hexadecimal representation.**	
D1 = $	**D3** = $
D2 = $	**D4** = $

Exercise 4

```
IsNumber
```

```
GetSum
```

```
CheckSum
```