## Assignment 9 Mikrokontrollere Gruppe 9

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Task 1

Sluttverdien er: 0

Task 2

Sluttverdien er: 1

Task 3

Sluttverdien er: 1

Task 4

Sluttverdien er: 1

## Task 5

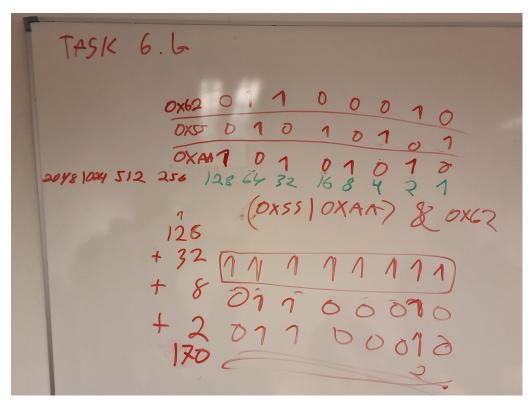
Desimal	Binær	Hex
97	0110 0001	0x61
193	1100 0001	0xC1
175	1010 1111	0xAF
256	1 0000 0000	0x100
255	1111 1111	0xFF
55	0011 0111	0x37

## Task 6

a) 10 | 20 == 30

b)  $(0xAA \mid 0x55) \& 0x62 == 98$ 

Utregningseksempel på 6b



c)  $\sim ((0x75 \mid 0x16) \& (0x0C \mid 0x48)) == 187$ 

## Task 7

- a) 1 << 3 == 8
- b) 2 << 3 == 16
- c) 15 << 4 == 240
- d) 0x00F << 4 == 240
- e) 128 >> 1 == 64
- f) 48 >> 2 == 12
- g) 240 >> 4 == 15
- h) 0xF0 >> 4 == 0