Prelab Q1

 $\frac{1.0 \times 0004}{0 \times 0006} = \frac{2.0 \times 0034}{0 \times 0056} = \frac{3.0 \times 2001}{0 \times 0056} + \frac{0 \times 35 FA}{0 \times 55 FB}$   $\frac{4.0 \times 0004}{0 \times 0006} = \frac{10 \times 0056}{0 \times 55 FB} = \frac{4.0 \times 3401}{0 \times 3401}$ 

+ 0×25EE 0×59EF

 $\frac{1.0100}{4010} + \frac{2.}{1010} + \frac{110100}{100110}$ 

03 1. 4+6=10  $\frac{2}{52} + 86 = 138$ 8193+13818=22011 13313+9710=23023 Q4. uint 32\_t bit\_werge (uin+16\_t first, uint76\_t second) ¿ unt 32-t first\_ = first; uint32-t second = second; unt 32\_t result; second = second << 16; result = second / first; retion result; int man (.) }

Section 7:

15536 50000

Section 8

-15536 - 15536 - 16 bit will only compute to 32767

Section 7: 2 Section 8: 0

 $\begin{array}{ccc} \bigcirc & 7 \\ & - & i = 0 \\ & \& = 25 \\ & \& = 31 \\ & 1 = 6 \end{array}$