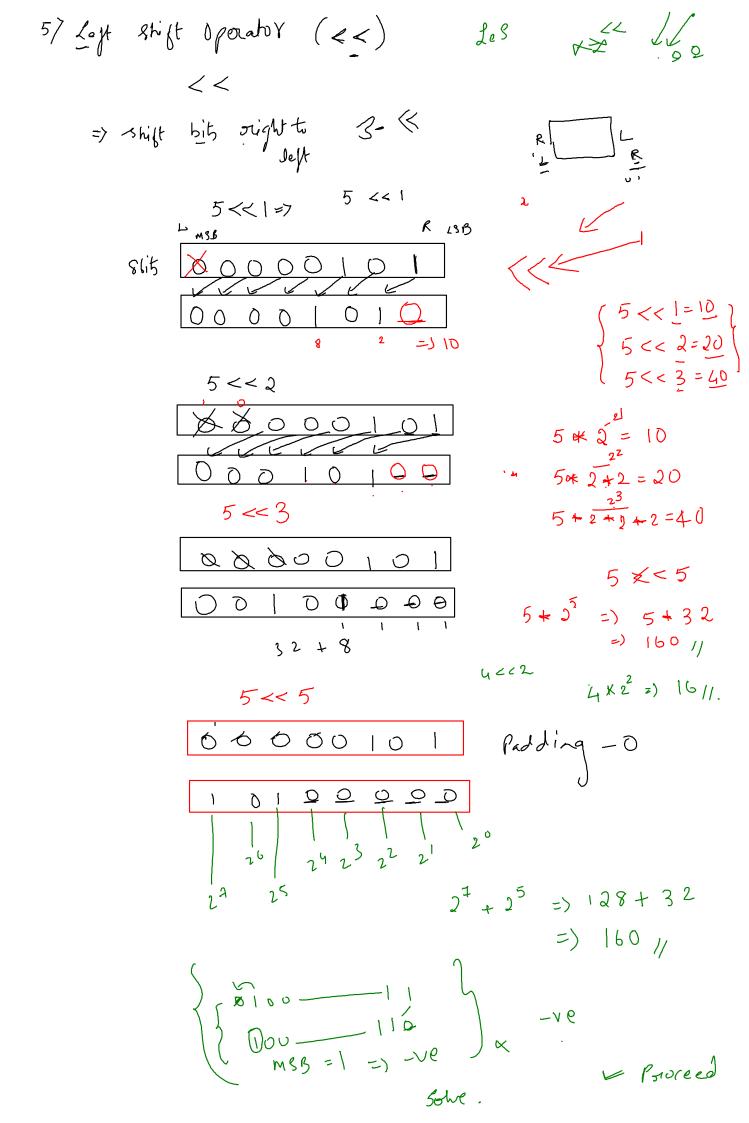


$$\frac{37}{1-0}$$
 $\frac{26}{23-0}$
 $\frac{37}{1-0}$
 $\frac{$

$$(a - b)$$
 3265 0000 0110 $(a - b)$ $(a - b)$



Paroblem - 8615 5 32 615. A = 3-> =>00000011 A = A < 2 ->00001100 KYYK ,- 3 00 100 000 -A = A << 4 h 611 =7 1024 6115 8615 47 Right Shift Operator 6th will shift from left to sight R 6>>1=3 6>>2=1 6>>3 =0 00-padded 6 >> J 6>>1 = 3 00000001 (>>2=1 6>>3=0 6 > 73 00000 000000000000 2 x 2 x 2 << 1= × 2 2 23×2×2

y even a odd

$$2^{3} = 8 + 9 = 0 dd$$

$$2^{4} = 16 + 1 = 17 \quad odd$$

$$1 \rightarrow 0 dd$$

$$1 \rightarrow 0 \rightarrow even$$

$$10002$$

$$10002$$

$$10001 \rightarrow 17 \quad odd$$

$$110$$

$$11$$

$$11$$

$$1$$

1000

27 2 Swap, without using any 3rd variable.

$$temp = a$$

Y Even.

$$a = b$$
 $b = temp$

XO R

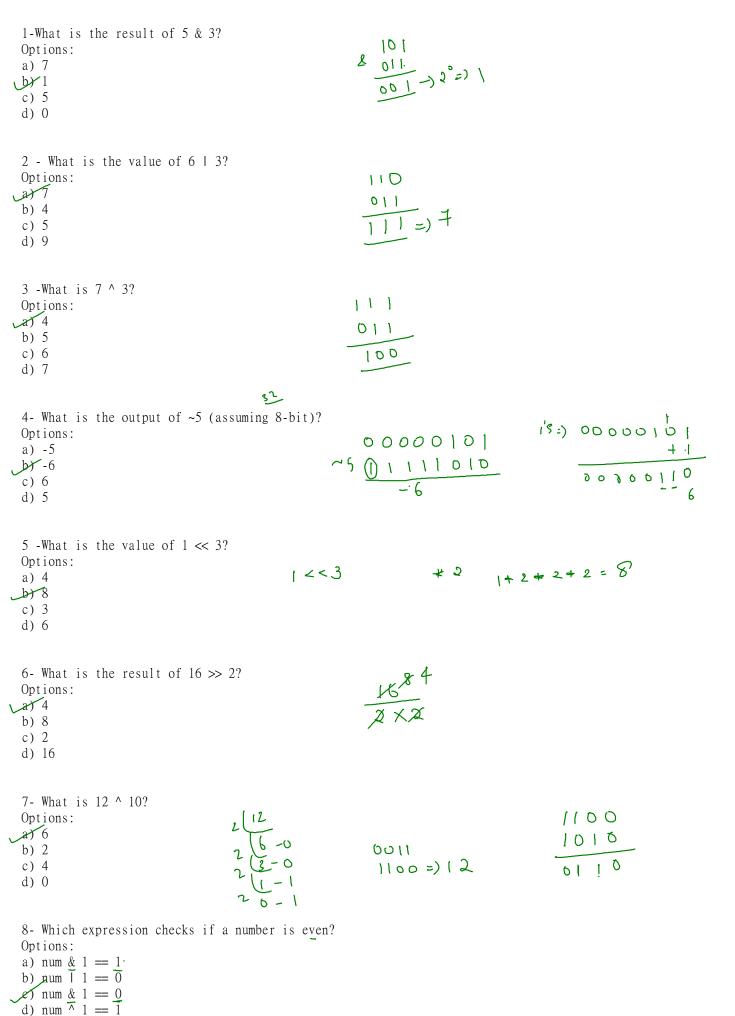
$$\begin{array}{c}
S & \alpha = 4 \\
b = 5
\end{array}$$

$$a=4$$
 $b=5$

$$\begin{cases} 100 \\ 101 \\ \hline 001 = 1 \end{cases} \begin{cases} a = 1 \\ 1 \\ \hline 0 \end{cases}$$

$$a^{5}$$
 $\frac{101}{100}$ $\frac{1}{9}$ $b=4$

$$a = \frac{a^{-b}}{001}$$
 $\frac{100}{101}$
 $a = 5$
 $a = 5$
 $b = 4$



1111111 =) ~0 Options: 100000 _a) 9 b) 0 c) -1 d) 1 10- What will be the result of $4 << 1 \mid 3$? Options: 4+2=8 a) 8 b) 11 813 1000 c) 10 0011 d) 7 1011 Homework

0000

1) What will be the result of $5 \ll 1? \checkmark$

2) What will be the value of $8 \gg 2?$

3) What is the output of this expression: $3 \ll 3$?

4) What is the result of $32 \gg 4$?

9- What is the value of 9 & (~ 0) ?

5) If x = 4, then what is the result of: $(x \ll 2) + (x \gg 1)$?