ECEN 5623 Homework 4

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Problem 1

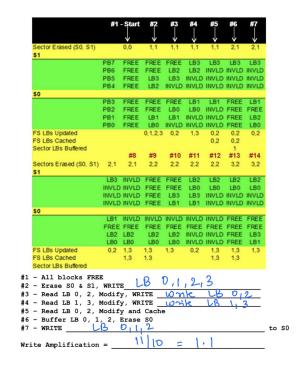
Please refer to the excel sheet attached Solution in cells C:36 and C37

Problem 2

Please refer to the excel sheet attached Solution in cells C:36 and C37

Problem 3

Please refer the images below for solution



```
#8 - Read LB 1, 3, Modify and Cache
#9 - Erase S1
#10 - WRITE - balk LB 1, 3 to S1
#11 - Read LB 0, 2, Modify, WRITE UB 0, 2
#12 - Read LB 1, 3, Modify and Cache
#13 - Erase S0
#14 - WRITE LB 1, 3
Write Amplification = 17[16 = 1.0625
Total sector erases for both S0 and S1 = 3+2 = 5

Cuasel
```