

CIS 212: Project #2D. Worth 4% of your grade.

Assigned: October 11, 2018

Due: 10am October 18, 2018. NO LATE PASSES, THIS IS DUE IN CLASS.

1001am is late (no credit)

Assignment: fill out this worksheet.

| | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|
| Location | 0x8000 | 0x8004 | 0x8008 | 0x800c | 0x8010 | 0x8014 | 0x8018 |
| Value | 0 | 1 | 1 | 2 | 3 | 5 | 8 |
| Location | 0x801c | 0x8020 | 0x8024 | 0x8028 | 0x802c | 0x8030 | 0x8034 |
| Value | 13 | 21 | 34 | 55 | 89 | 144 | 233 |
| Location | 0x8038 | 0x803c | 0x8040 | 0x8044 | 0x8048 | 0x804c | 0x8050 |
| Value | 377 | 610 | 987 | 1597 | 2584 | 4181 | 6765 |

Code:

```
int *A = 0x8000;
```

```
int *B[3] = { A, A+7, A+14 };
```

Note: "NOT ENOUGH INFO" is a valid answer.

| Variable | Your Answer | Variable | Your Answer |
|-----------------|-----------------|-------------------------|-----------------|
| A | 0x8000 | (A+6)-(A+3) | 3 |
| &A | NOT ENOUGH INFO | *(A+6)-*(A+2) | 7 |
| A[2] | 1 | A[5]-*(A+4) | 2 |
| *A | 8 | (A+9)-B[0] | 9 |
| B[1][3] | 55 | B[0] | 0x8000 |
| *(A+4) | 3 | B[2][2]-A[15] | 377 |
| (A+6) | 0x8018 | &(B[2][3])- &(A[15]) | 2 |
| B[2][0]-B[1][6] | 144 | *(&A[6]) | 8 |
| B[2][0]-B[1][7] | 0 | B[3]-B[1] | NOT ENOUGH INFO |