

ELEC 220 - Lab 1

Name: _____

Lab Section: _____

Part 0:

Step 1: Memory location of a: _____
Memory location of b: _____
Memory location of c: _____
Section of memory: _____

Step 4: Decimal value of a: _____
Decimal value of b: _____
Decimal value of c: _____

Step 5: Hex value of a: _____
Hex value of b: _____
Hex value of c: _____
Explanation: _____

When would you use an unsigned int?

Lab TA initials: _____

Part 1:

Step 1: Proper hex for sum: _____
Proper hex for factorial: _____

Step 3: Value of n : _____
Hex for sum: _____
Decimal for sum: _____
What number is this: _____

Step 4: Equation for this: _____
Exponent bits: _____
Fraction bits: _____
Human readable: _____

Step 5: _____

Lab TA initials: _____

Part 2:

```
int main(void) {  
    int x = 1, y = 2; //Declare 2 integers  
    int *ip;         //Create an integer pointer  
  
    ip = &x;         //Assign ip the location of x  
    y = *ip;         //_____  
  
    *ip = *ip + 10;  //_____  
  
    ip = ip + 1;     //_____  
  
    *ip += 1;        //_____  
  
    return 0;  
}
```

Is the lab complete?

Lab TA signature: _____