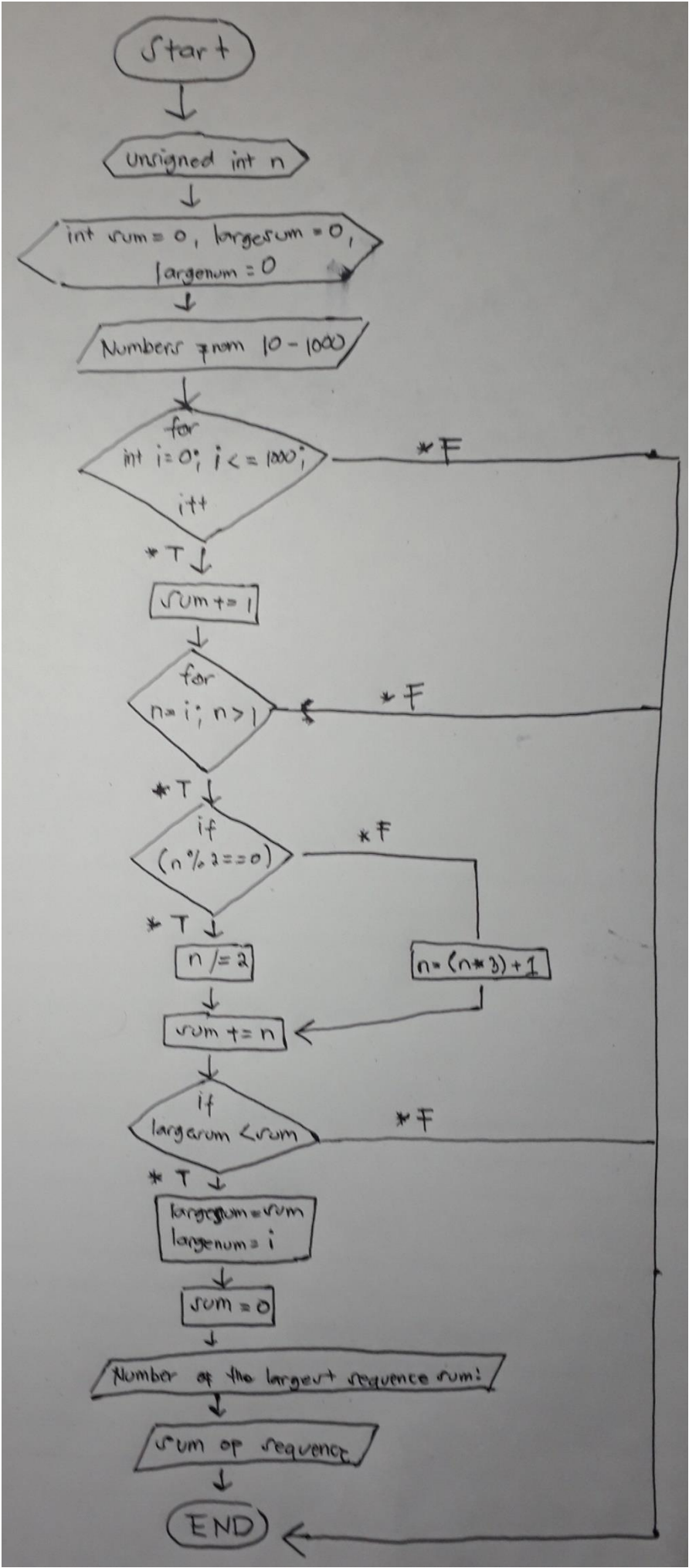


Lab Exercise # 3

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```
#include <iostream>
using namespace std;
int main()
{
    unsigned int n;
    int largesum, largenum, sum;
    cout << "Numbers from 10-1000";
    for (int i = 10; i <= 1000; i++)
    {
        sum += i;
        for (n = i; n > 1;)
        {
            if (n % 2 == 0)
            {
                n /= 2;
            }
            else
            {
                n = (n * 3) + 1;
            }
            sum += n;
        }
        if (largesum < sum)
        {
            largesum = sum;
            largenum = i;
        }
        sum = 0;
    }
    cout << "\nNumber of the largest sequence sum:" << largenum;
    cout << "\nSum of sequence:" << largesum;
    return 0;
}
```