**CheckList**

**Read about:**

Git (chapter 2, 3, 5);

Threshold (in Wikipedia and NIST) ;

Shamir’s Secret Sharing scheme(in Wikipedia);

**Practice:**

Git and Github;

Touch Typing (<https://www.typingstudy.com/> speed=45-50);

Python, C++, Big Numbers, Polynomials;

**Create and work:**

Polynomial class in Python, implement functions for all base primitive operation needed for Shamir’s Secret Sharing scheme;

Work with Big Numbers in Python;

**Conclusion:**

Python is good at basic arithmetic operations for Big Numbers;

In C++ i use vector for Big Number;

When we use a computationally efficient approach, we need to choose prime numbers for our secret;