Chapter 7

**Written:**

**7.1:** rule 1. Have to have a base case 2. Have to make progress from the last 3. Have to believe that the recessive is actually working. 4. never repeat work separate reclusive calls and use dynamic programming

**7.2:**

public static long s( int n )

{

If(n < 0)

return 0;

if( n == 1 )

return 1;

else

return s( n - 1 ) + n; 8

}