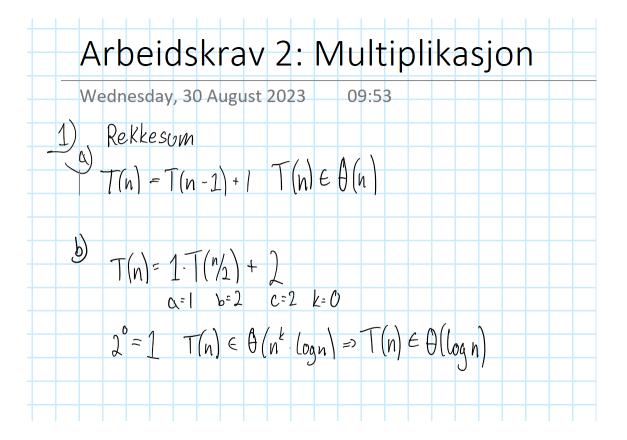
```
public double multiplyWithWholeNumbers(int n, double x) {
 if (n == 1) {
   return x + multiplyWithWholeNumbers((n - 1), x);
public double multiplyUsingModulus(int n, double x) {
public double multiplyUsingBitwiseOperator (int n, double x) {
 if (n == 1) {
 if ((n & 1) == 0) {
   return multiplyUsingBitwiseOperator( n: n/2, |x: x + x);
   return x + multiplyUsingBitwiseOperator( n: (n - 1)/2, \times x + x);
```



Tidskompleksitet for metode 1

n = 1000; t = 0.0015162473484624493 ms

n = 2000; t = 0.0039806064852040855 ms

n = 4000; t = 0.009079023823358512 ms

n = 8000; t = 0.017779358165170237 ms

Tidskompleksitet for metode 2a og 2b

2a – Modulus operasjon:

n = 10000; t = 2.487345876587449E-5 ms

n = 100000; t = 2.9599810561212407E-5 ms

n = 1000000; t = 3.252867581680969E-5 ms

n = 10000000; t = 3.8574493480254836E-5 ms

2b – Bitwise operasjon:

n = 10000; t = 2.1090646247771564E-5 ms

n = 100000; t = 2.8034683725734334E-5 ms

n = 1000000; t = 3.0233327823813228E-5 ms

n = 10000000; t = 3.564834137536149E-5 ms

