

You have to submit your solutions as announced in the lecture.
Unless mentioned otherwise, all problems are due 2017-05-11, 11:00.
 There will be no deadline extensions unless mentioned otherwise in the lecture.

Points: 6

```

fun map[A](x : List[A], f : A → B) =
  mapAux(x, f,
)

fun mapAux[A](x : List[A], f : A → B, result : List[B]) =

```

Points: 8

Points: 8

Points: 6

1. mergesort
2. binary search
3. Karatsuba multiplication of polynomials

Show your work.