22.4.6

Analyze the time complexity for computing the polynomial:

$$f(x) = a_n x^n + a_{n-1} x^{n-1} \ldots$$

$O(n)$

22.4.1 for 1024 binary search takes at most

~~$\log(1024) = \log_2(1024) =$~~

$\log_2(1024) = 10$

~~$1 \log(n)$~~

~~$2 \log(1024)$~~

1