Next HW: 2.32-2.35 (sequence)
prove that the ae infinitely many primes. use 2.32
Key idea $(2.33)^{\nu}$ : If $k$ is a natural number, we can find another number $n$ ( $n$ much bigger than k) so that none of

$$
2,3,4,5, \ldots, k-1, k
$$

are divisions of $n$.
Once you have this: Know $n$ has a prime divisor $p$ (Thu 2.1), and $p>k$.

