Florin With Mol Aufgah 1 ((x) = ex = \frac{1}{2} \frac{1}{1!} (x - x_0) + Rma (x) \frac{1}{2} x0-0 => f'(x) = f'(x) = .. = f(4)(x) = ex, f'(0) = 1 #> ((x) = 1 · x + 1 · x + 1 · x + 1 · x + 2 · + 120 × => ((4) = 1 + x + \frac{x^2}{2} + \frac{x^4}{24} + \frac{x^5}{24} 6) f(n) = e, $\tilde{f}(n) = 1 + 1 + \frac{1}{2} + \frac{1}{6} + \frac{1}{27} - \frac{1}{120} = \frac{163}{60}$ => $|f(n) - \tilde{f}(n)| = |e - \frac{16\tilde{s}}{60}| = 0.0016$ e) e = \(\frac{1}{2} - \frac{1}{1!} \)