Vecka 17, Lektion 2

a)
$$f(x) = x^{3} + ax^{2} + x + b$$

$$f'(x) = 2 * x^{2} + ax + 1$$

$$f(0) = -2$$

$$f'(1) = 0$$

$$0 = 2 * 1^{2} + a * 1 + 1$$

$$-4 = a * 2$$

$$\frac{-4}{2} = a$$

$$a = -2$$

$$-2 = 0^{3} + (-2) * 0^{2} + 0 + b$$

$$b = -2$$



