

Console

$$x(0) = 0$$

$$y(0) = 1$$

$$f_x(1) =$$

$$1.$$

$$- 1.$$

$$J =$$

$$- 6. \quad 0.$$

$$0. \quad - 3.$$

$$x(1) = -0.166667$$

$$y(1) = 1.333333$$

$$f_x(2) =$$

$$1.8842593$$

$$- 2.2592593$$

$$J =$$

$$- 10.583333 \quad 1.3333333$$

$$- 1.3333333 \quad - 5.25$$

$$x(2) = -0.286652$$

$$y(2) = 1.79414$$

$$f_x(3) =$$

$$3.7445982$$

$$- 5.3329641$$

$$J =$$

$$- 19.067143 \quad 3.085769$$

$$- 3.085769 \quad - 9.410317$$

$$x(3) = -0.386052$$

$$y(3) = 2.39345$$