Algorithm: Runge Kutta 4th order

- Read x_0, y_0, x_n, h

- While ($x_0 <= x_n$) do
  - Print x_0, y_0
  - k1 = h*f(x_0, y_0)
  - k2 = h*f(x_0+0.5*h, y_0+0.5*k1)
  - k3 = h*f(x_0+0.5*h, y_0+0.5*k2)
  - k4 = h*f(x_0+h, y_0+k3)
  - k = (k1+2*k2+2*k3+k4)/6
  - $x_0 = x_0$ + h
  - $y_0 = y_0$ + k

  End while

- Print x_0, y_0

  END