function result = Polynomial(x, polynomialCoefficients)

result = 0;

polynomialDegree = length(polynomialCoefficients) - 1;

for termDegree=0:polynomialDegree

termCoefficient = polynomialCoefficients(termDegree+1);

result = result + termCoefficient \* x^termDegree;

end

end