```
ExactSol = DSolve[{y '[x] == x + y[x], y[0] == 1.0}, y[x], x]
L[x_, y_] := x + y
n = 10;
a = 0.0;
b = 1.0;
h = (b - a) / n;
y[0] = 1.0;
y0 = y[0];
For[i = 0, i ≤ n - 1, i++, z[i] = a + i * h;
y[i] = y0;
y[i + 1] = y[i] + h * L[y[i], y[i]];
Print["The", i + 1, "Approx. vause is ", y[i + 1]];
y0 = y[i + 1]];
```

⚬ **DSolve**: {0, 1, 3} is not a valid variable.

DSolve[{{0, 1, 3}′[x] == x + {0, 1, 3}[x], {0, 1, 3}[0] == 1.}, {0, 1, 3}[x], x]

⚬ **Set**: Tag List in {0, 1, 3}[0] is Protected.

⚬ **Set**: Tag List in {0, 1, 3}[0] is Protected.

⚬ **Set**: Tag List in {0, 1, 3}[1] is Protected.

The1Approx. vause is {0, 1, 3}[1]

⚬ **Set**: Tag List in {0, 1, 3}[1] is Protected.

⚬ **General**: Further output of Set::write will be suppressed during this calculation.

The2Approx. vause is {0, 1, 3}[2]

The3Approx. vause is {0, 1, 3}[3]

The4Approx. vause is {0, 1, 3}[4]

The5Approx. vause is {0, 1, 3}[5]

The6Approx. vause is {0, 1, 3}[6]

The7Approx. vause is {0, 1, 3}[7]

The8Approx. vause is {0, 1, 3}[8]

The9Approx. vause is {0, 1, 3}[9]

The10Approx. vause is {0, 1, 3}[10]