In[32]:=
```
f[x_] = E^x + x^2 - 4;
y[0] = 1;
y[n_] := N[y[n - 1] - (f[y[n - 1]] / f'[y[n - 1]]), 20];
Table[y[n], {n, 0, 7}]
N[FindRoot[f[x], {x, 1}], 20]
```

Out[35]=
```
{1, 1.0597077880854272254, 1.0580078134431507117,
 1.0580064010916105205, 1.058006401090636309,
 1.058006401090636309, 1.058006401090636309, 1.0580064010906363l}
```

Out[36]=
```
{x → 1.05801}
```

In[6]:=
```
f[1.05800640109063630862138790964950771662`18.957748382526603]
```

Out[6]=
```
0. × 10^-19
```