

Equation with one unknown

Program steps

```
1 from scipy.optimize import fsolve
  import numpy as np

3 def equation(x):
    eq = np.sqrt(x) - 2.5
    return eq

2 guess = 1
  x0, = fsolve(equation, guess)

4 # the solution
  print x0
  # calculations checking
  print equation(x0)
```

Very simplified algorithm of
finding the roots by fsolve() function

User defined
function

